

# Enclosure 3

\_\_\_\_\_ Page(s) Released



HEADQUARTERS, U.S. MILITARY ACADEMY  
WEST POINT NEW YORK, MARCH 19<sup>th</sup> 1906.

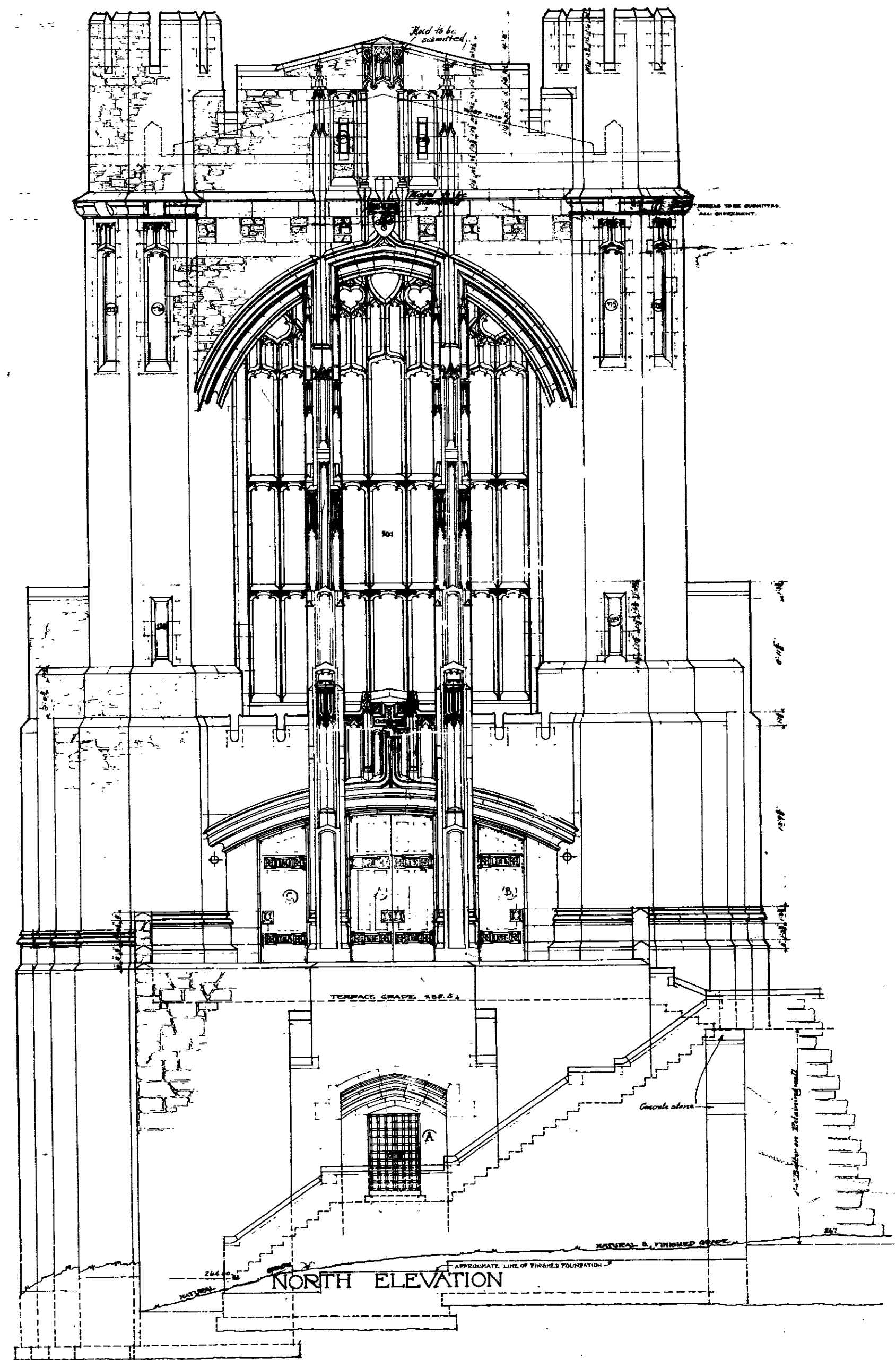
APPROVED:

*L. B. L...*  
BRIGADIER GENERAL U.S. ARMY, SUPERINTENDENT.

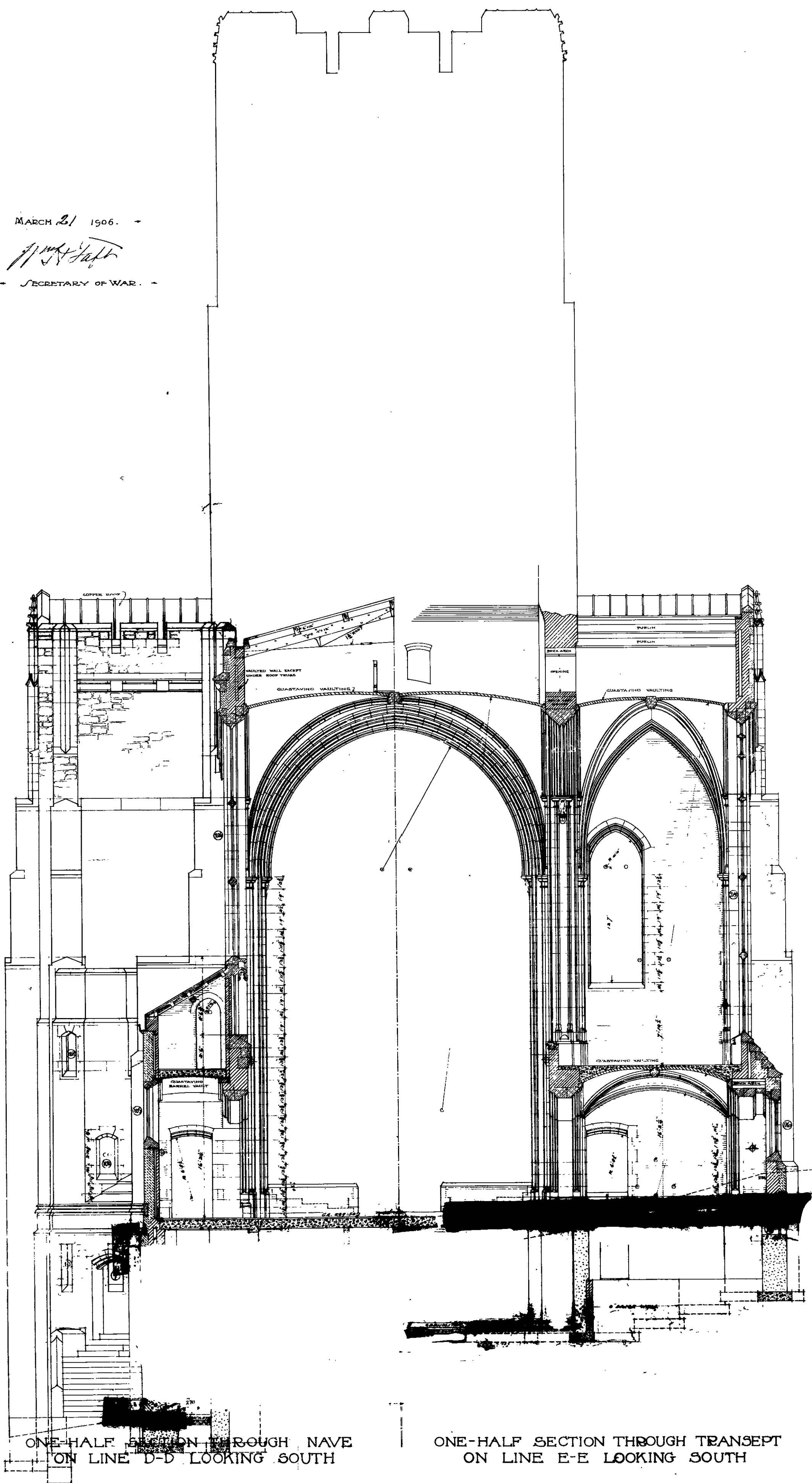
WAR DEPARTMENT  
WASHINGTON MARCH 21 1906.  
*Approved: H. S. Galt*  
SECRETARY OF WAR.

CHAPEL  
U.S. MILITARY ACADEMY  
WEST POINT N.Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

1

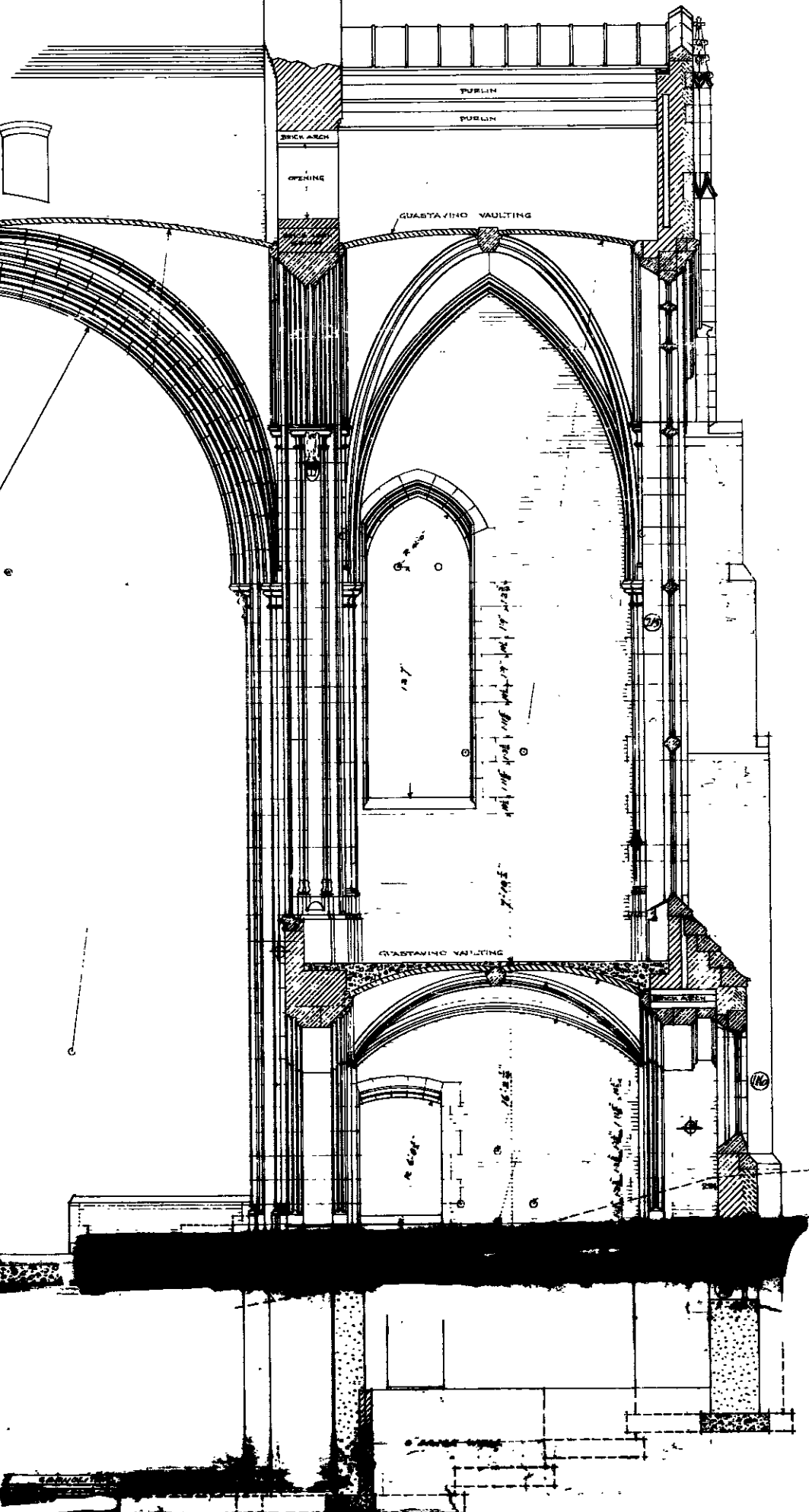


NORTH ELEVATION

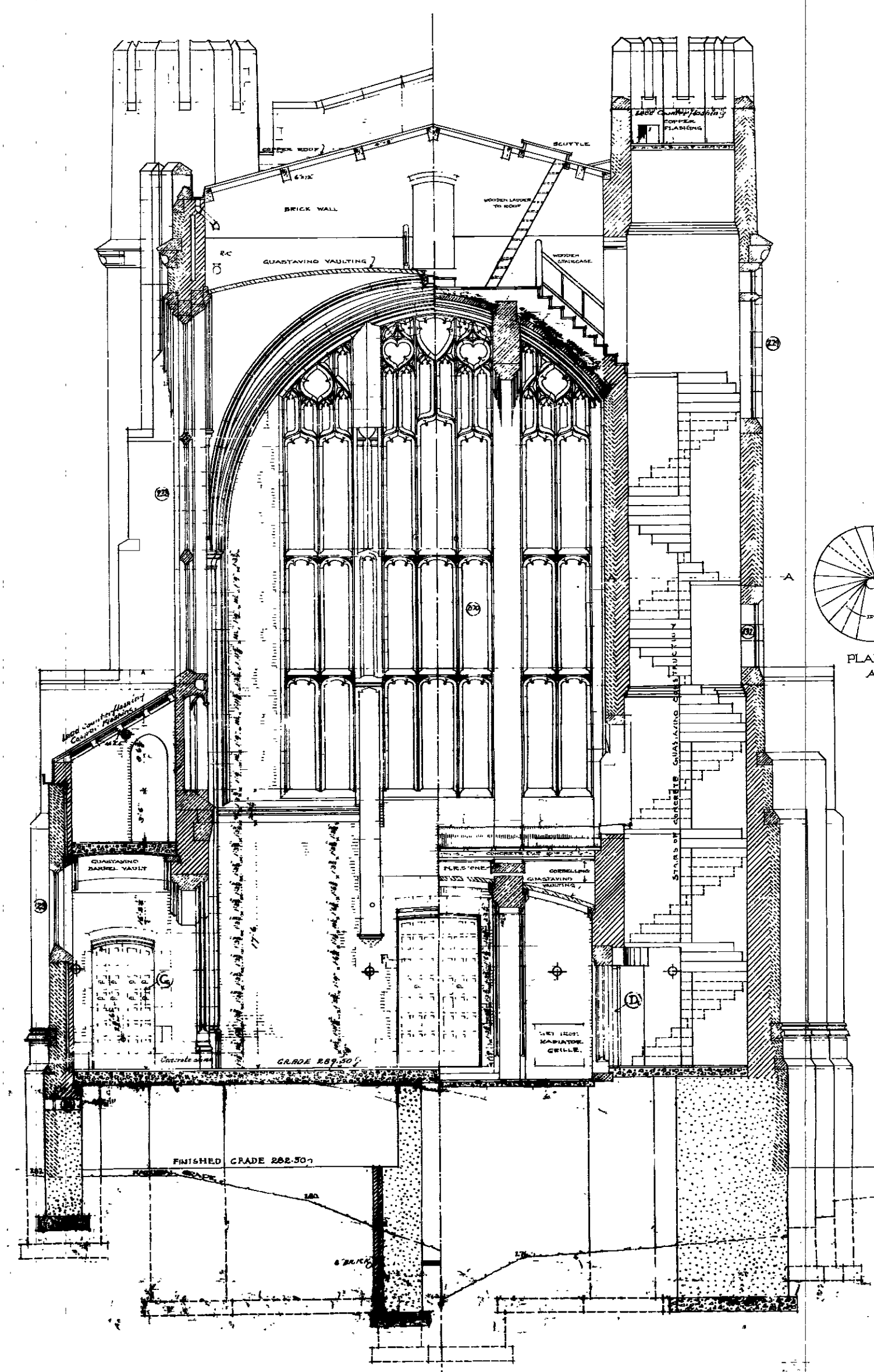


ONE-HALF SECTION THROUGH NAVE  
ON LINE D-D LOOKING SOUTH

SCALE 1/4"=1'-0"



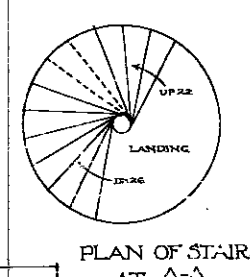
ONE-HALF SECTION THROUGH TRANSEPT  
ON LINE E-E LOOKING SOUTH



ONE-HALF SECTION THROUGH NAVE  
ON LINE C-C LOOKING NORTH

ONE-HALF SECTION THROUGH NARTHEX  
ON LINE B-B LOOKING SOUTH

FIELD	
CONCRETE STONE	
LOCAL STONE	
BRICK	
QUARTZITE VAULTING	
CONCRETE	
TURBINE STONE	



PLAN OF STAIRS  
AT A-A



GENERAL NOTES

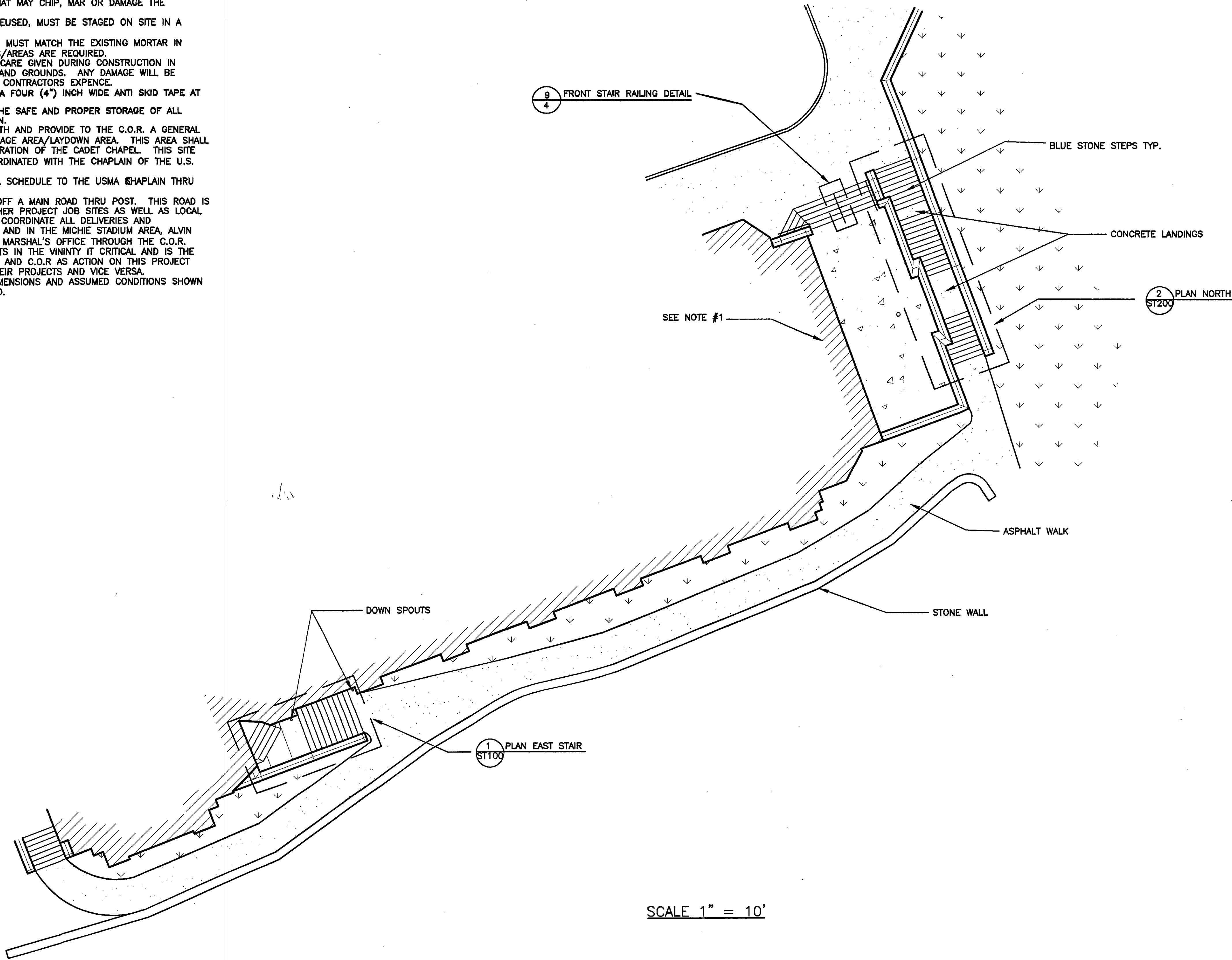
- ① SEE DRAWINGS FROM THE ARMY CORP OF ENGINEERS (REPAIR OF FRONT STEPS, DACA51-97-B-00) FOR THE REPLACEMENT OF THE FRONT STEPS LEADING INTO THE CHAPEL AND REHABILITATION OF THE WOOD DOORS. CONTRACTOR WILL INSURE THAT AT ALL TIMES DURING CONSTRUCTION, ACCESS INTO THE CHAPEL MUST BE MAINTAINED AT EITHER THE FRONT OR HANDICAPPED (WEST) ENTRANCES.
- ② DUE TO SPECIAL EVENTS, WORK MIGHT BE LIMITED OR HALTED. THE CONTRACTOR WILL BE NOTIFIED IN ADVANCE OF ANY REQUIRED WORK STOPAGES THRU THE CONTRACING OFFICE REPRESENTATIVE (C.O.R)
- ③ ALL FINISH BLUESTONE WORK WILL NEED TO BE COMPLETED WITH ONLY "SOFT" TOOLS. ANY TOOLS OR STRAPS THAT MAY CHIP, MAR OR DAMAGE THE BLUESTONE WILL NOT BE ALLOWED.
- ④ ALL BLUESTONE WHICH IS TO BE REUSED, MUST BE STAGED ON SITE IN A SAFE/PROTECTED AREA.
- ⑤ ALL MORTAR USED FOR REPOINTING MUST MATCH THE EXISTING MORTAR IN COLOR AND TEXTURE. TEST CUBES/AREAS ARE REQUIRED.
- ⑥ CONTRACTOR IS RESPONSIBLE FOR CARE GIVEN DURING CONSTRUCTION IN ORDER TO PROTECT THE BUILDING AND GROUNDS. ANY DAMAGE WILL BE REQUIRED TO BE REPAIRED AT THE CONTRACTORS EXPENCE.
- ⑦ ALL STEPS WILL BE TREATED WITH A FOUR (4") INCH WIDE ANTI SKID TAPE AT THE TOE OF THE STEPS.
- ⑧ CONTRACTOR IS RESPONSIBLE FOR THE SAFE AND PROPER STORAGE OF ALL MATERIALS THROUGHT CONSTRUCTION.
- ⑨ CONTRACTOR SHALL COORDINATE WITH AND PROVIDE TO THE C.O.R. A GENERAL SITE PLAN SHOWING MATERIAL STORAGE AREA/LAYDOWN AREA. THIS AREA SHALL NOT INTERFER WITH THE DAILY OPERATION OF THE CADET CHAPEL. THIS SITE PLAN/STAGING PLAN MUST BE CORRODINATED WITH THE CHAPLAIN OF THE U.S. MILITARY ACADEMY THRU THE C.O.R.
- ⑩ THE CONTRACTOR SHALL PROVIDE A SCHEDULE TO THE USMA SHAPLAIN THRU THE C.O.R.
- ⑪ ACCESS TO THE PROJECT SITE IS OFF A MAIN ROAD THRU POST. THIS ROAD IS THE ONLY ACCESS TO SEVERAL OTHER PROJECT JOB SITES AS WELL AS LOCAL TRAFFIC. THE CONTRACTOR SHALL COORDINATE ALL DELIVERIES AND CONSTRUCTION PROJECTS ON POST AND IN THE MICHE STADIUM AREA, ALVIN GYM AREA AND WITH THE PROVOST MARSHAL'S OFFICE THROUGH THE C.O.R. COORDINATION WITH OTHER PROJECTS IN THE VININTY IT CRITICAL AND IS THE RESPONSIBILITY OF THE CONTRACTOR AND C.O.R AS ACTION ON THIS PROJECT CAN HAVE A DIRECT EFFECT ON THEIR PROJECTS AND VICE VERSA.
- ⑫ CONTRACTOR SHALL VERIFY ALL DEMENSIONS AND ASSUMED CONDITIONS SHOWN ON THESE DRAWINGS WIN THE FIELD.

FRONT STEPS AND RAILING NOTES

- ① THE HAND RAILS SHALL BE REMOVED FROM THE STEPS. NEW POSTS WILL BE PLACED IN THE EXISTING LOCATIONS WITH NON-SHRINK GROUT.
- ② THE FRONT STEPS ARE TO BE CLEANED OF ALL DIRT, OLD MORTAR AND RUST STAINS AND HAVE ALL MORTAR JOINTS REPOINTED.
- ③ THE CAPS FOR THE THREE (3) RAILINGS MUST BE REMOVED, STORED, POLISHED AND INSTALLED ON THE NEW RAILINGS.
- ④ CUT SHEETS FOR THE POST COLLARS MUST BE SUBMITTED FOR APPROVAL. (A TOTAL OF NINE (9) CAST IRON COLLARS)
- ⑤ THE STEPS WILL BE TREATED WITH A FOUR (4") INCH WIDE ANTI SKID TAPE AT THE TOE OF THE STEPS.

DOOR REHABILATION NOTES

- ① THE DOORS TO BE REHABILATED ARE THE FOUR (4) OUTSIDE MAIN DOORS AND ONE (1) DOOR AT THE HANDICAPPED ENTRANCE.
- ② ALL HARDWARE MUST BE CLEANED, REPAIRED, REPAINTED GLOSS BLACK AND CORRECTLY REINSTALLED.
- ③ THE INTERIOR OF THE CADET CHAPEL MUST BE PROTECTED AT ALL TIMES DURING THE DOOR REHABILATION AND STEP RECONSTRUCTION.
- ④ DOOR HARDWARE AND ANY ITEMS THAT ARE PATICULAR TO THE DOORS MUST BE COORDINATED THRU THE C.O.R. WITH ACADEMY HISTORIC PRESERVATION REPREISNTIVE.

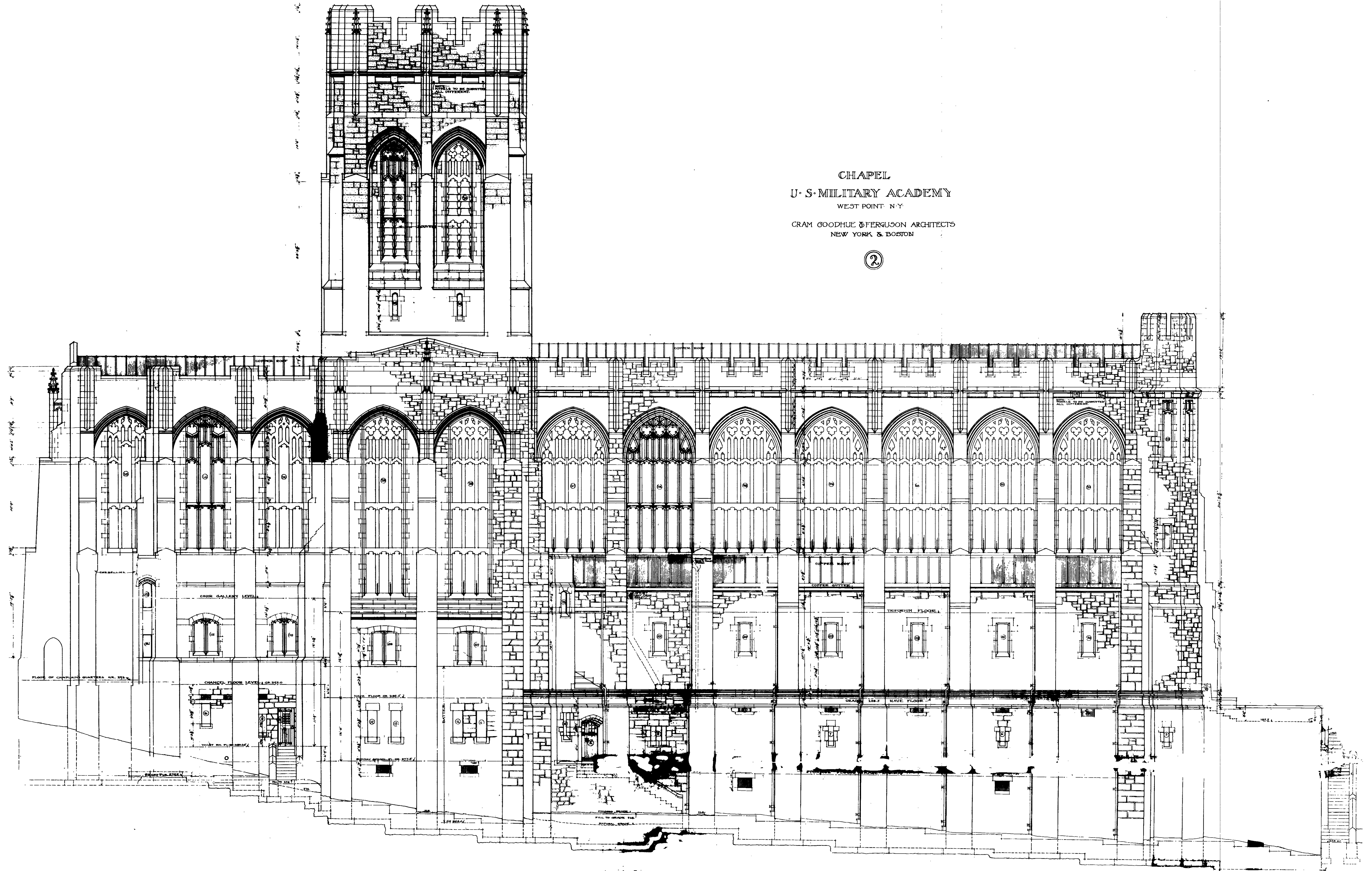


OFFICE of HOUSING and PUBLIC WORKS			
UNITED STATES MILITARY ACADEMY			
WEST POINT, NEW YORK			
CADET CHAPEL STEPS			
SITE PLAN			
S100			
1" = 10'	TPP	TPP	AZ 12 FEB 02



CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT, N. Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

2



EAST ELEVATION  
SCALE, 1/4\"/>



EAST STEPS NOTES

- 1 THE LANDINGS (A,B,C) ARE ASSUMED TO CONTINUE TO THE OUTSIDE WALL OF THE CHAPEL
- 2 THE EXISTING WALL WILL BE REQUIRED TO BE REBUILT/REALIGNED DURING THE REPLACEMENT OF THE STEPS.
- 3 CARE MUST BE GIVEN DURING THE WORK ON THE STEPS AND LANDINGS NOT TO DAMAGE THE EXISTING DOWNSPOUTS.
- 4 ANY STAIRS SLATED TO BE REUSED (OPTION #1) MUST BE CLEANED AND STORED ON SITE.
- 5 THE CONTRACTOR SHOULD NOTE THAT THE DIFFERENCE IN ELEVATION FROM THE TOP STEP TO GRADE IS APPROXIMATELY 7'. THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION PLAN SHOWING STAGING AND WORK AREAS.
- 6 THERE WILL BE AT LEAST ONE WALL TIE EVERY 4.5 SF AND SHOULD BE DRILLED INTO ONLY INTACT MORTAR JOINTS. ANY MORTAR FOUND TO BE DETERATED SHOULD NOT BE USED FOR THE TIES AND BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

STEP PLAN OPTION #1  
REMOVE, SALVAGE, CLEAN, REPAIR &  
RESET EXISTING STEPS - REPLACE  
DEFECTIVE STEPS

STEP PLAN OPTION #2  
REPLACE ALL STEPS

LANDING MAY EXTEND  
TO THE EXTERIOR WALL  
COULD NOT BE  
DETERMINED IN FIELD

REMOVE, STORE AND  
REINSTALL THE EXISTING  
BLUESTONE LANDINGS

1 PILASTER SECTION

REMOVE AND STORE CAP STONE  
DISASSEMBLE WALL DOWN TO FIRM  
MATERIAL AND REBUILD WALL

8" CMU FULLY GROUTED WALL  
W/COURSE GROUT &  
#4 BAR EVERY 24" TYP.  
16" X 20" CONCRETE FOOTING  
W/ 3 #4 BARS

2 8" CMU WALL AND FOOTING

EXISTING DOWNSPOUT TO  
REMAIN

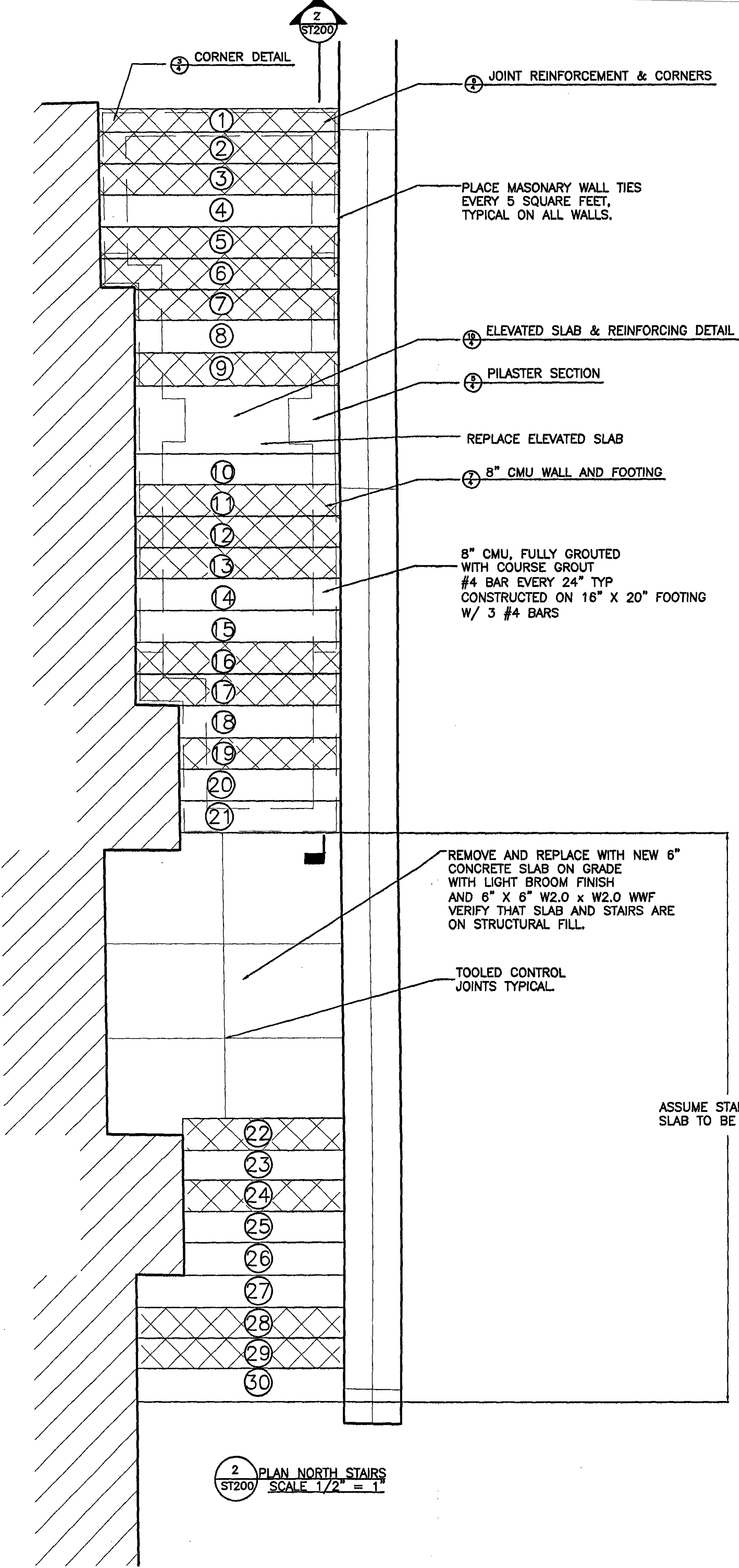
3 JOINT REINFORCEMENT @ CORNERS

DOWNSPOUT

1 PLAN EAST STAIRS  
ST100 SCALE 1/2" = 1'

NORTH STEPS NOTES

- 1 THE LOWER LANDING AND STEPS BELOW ARE ASSUMED TO BE CONSTRUCTED ON GRADE.
- 2 ANY STAIRS TO BE SLATED TO BE REUSED (OPTION#1) MUST BE CLEANED AND STORED ON SITE.
- 3 THE CONTRACTOR SHOULD NOTE THAT THE DIFFERENCE IN ELEVATION FROM THE TOP STEP TO GRADE IS APPROXIMATELY 17'.
- 4 THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION PLAN SHOWING STAGING AND WORK AREAS.
- 5 THERE WILL BE AT LEAST ONE WALL TIE EVERY 4.5 SF AND SHOULD BE DRILLED INTO ONLY INTACT MORTAR JOINTS. ANY MORTAR FOUND TO BE DETERATED SHOULD NOT BE USED FOR THE TIES AND BE BROUGHT TO THE ATTENTION OF THE ENGINEER.



2 PLAN NORTH STAIRS  
ST200 SCALE 1/2" = 1'

LEGEND

STAIRS TO BE REPLACED SEE GENERAL NOTES AND SPECIFICATIONS
STAIRS TO BE SALVAGED SEE GENERAL NOTES AND SPECIFICATIONS

OFFICE of HOUSING and PUBLIC WORKS  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

CADET CHAPEL STEPS

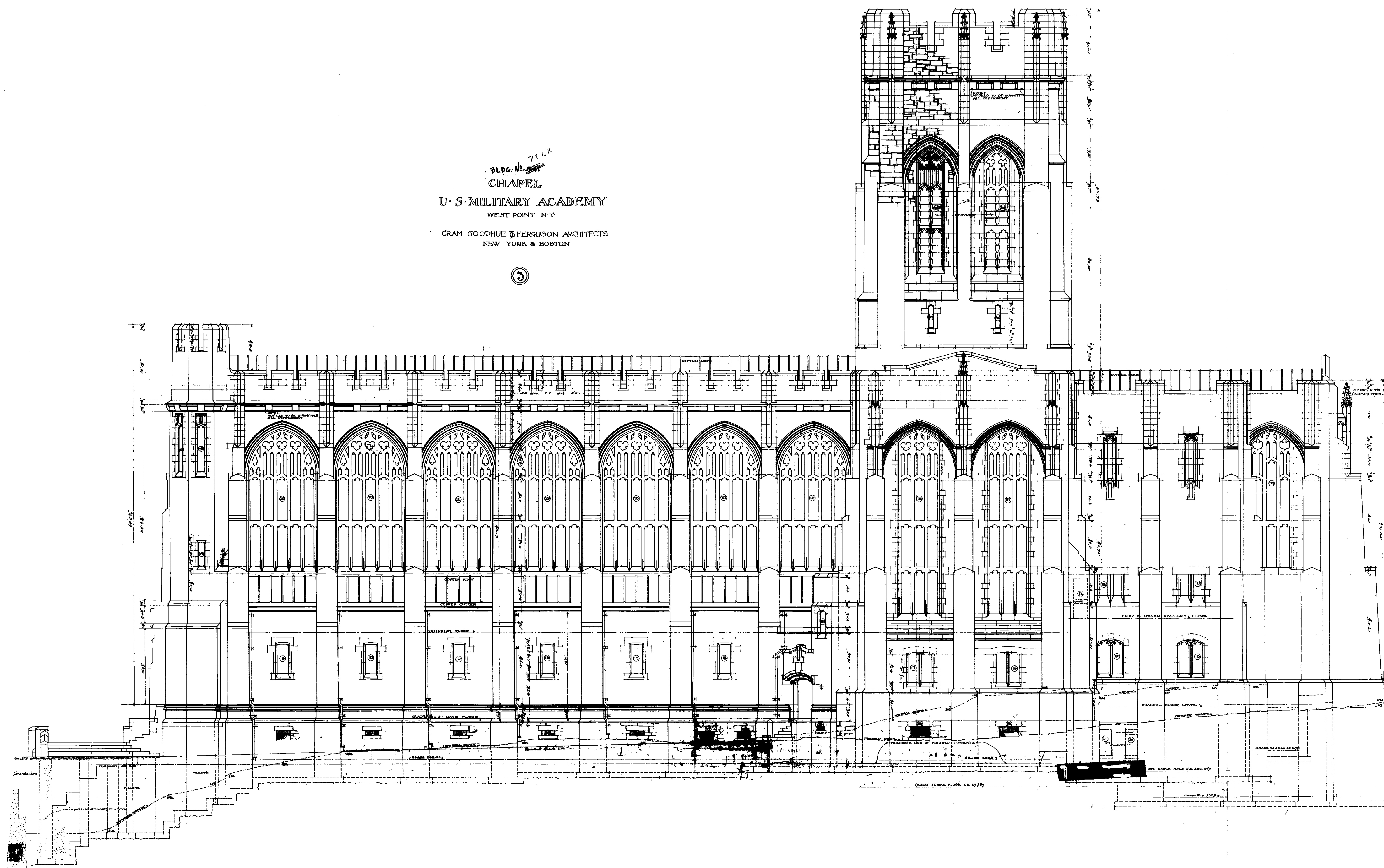
NORTH & EAST STEPS  
ST100

Submitted By:		Approved By:	
Scale:	Drawn:	Designed:	Checked:
1/2" = 1'	TPP	TPP	AZ



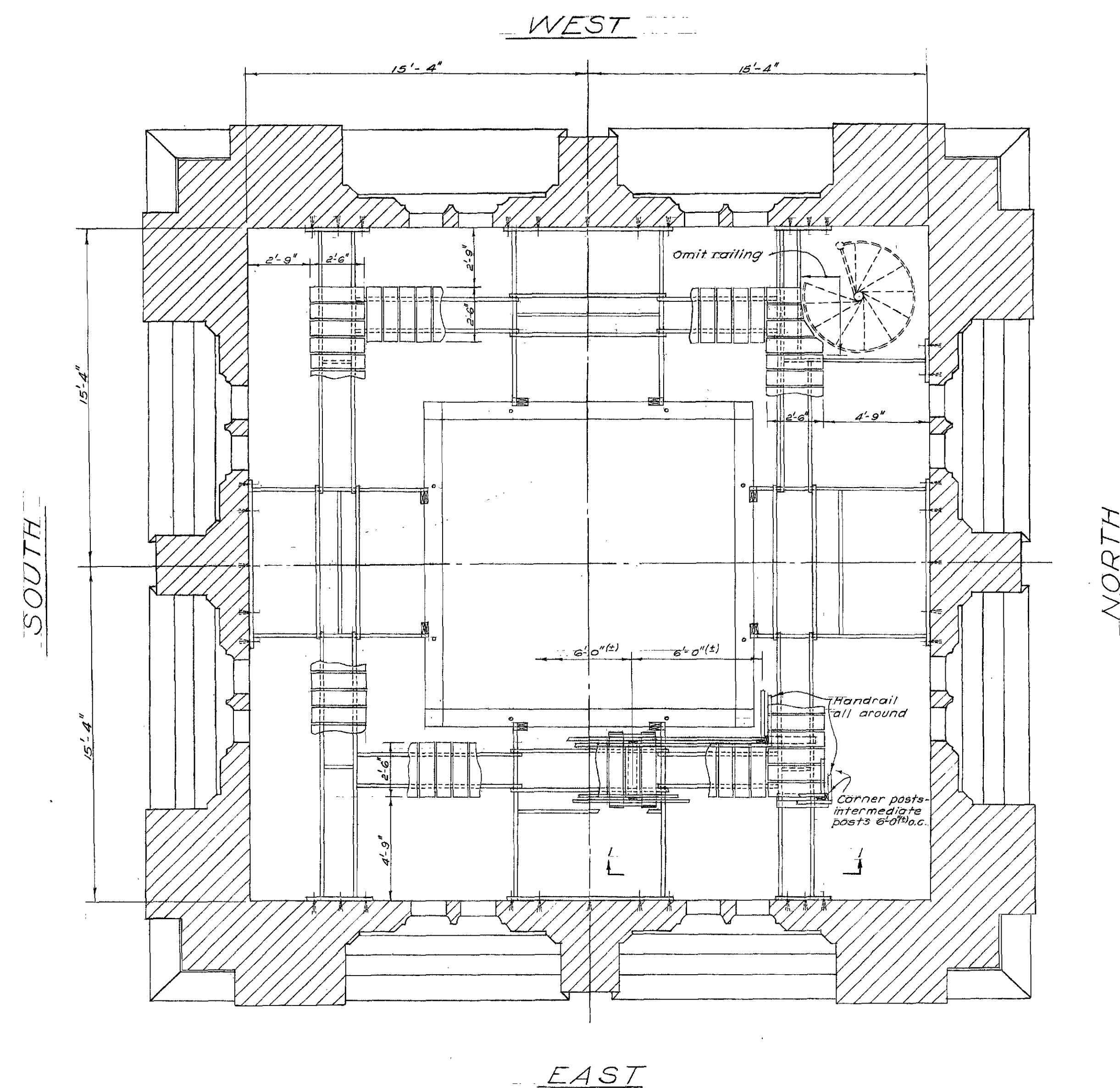
BLDG. No. 7127  
CHapel  
U. S. MILITARY ACADEMY  
WEST POINT N. Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

(3)



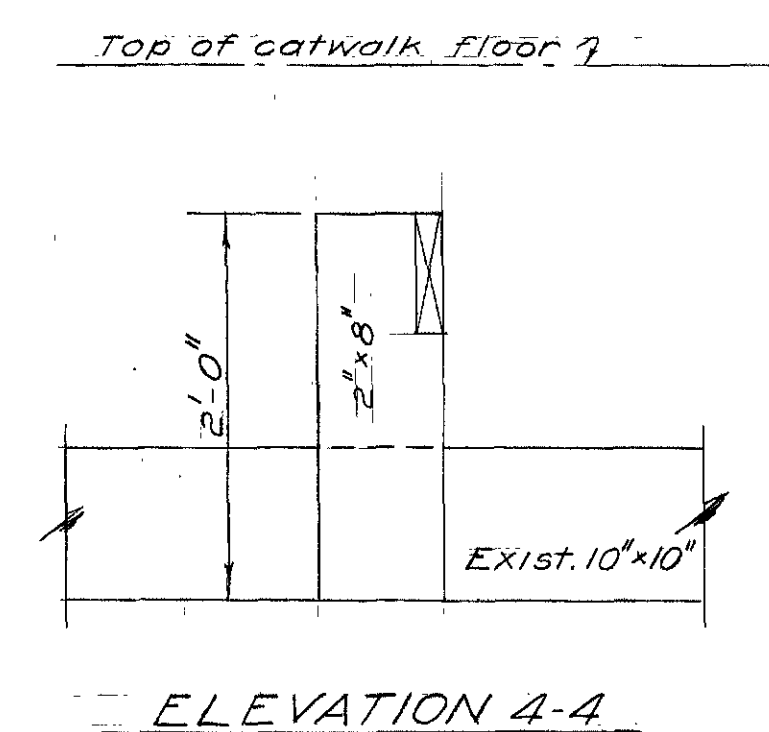
ELEVATION



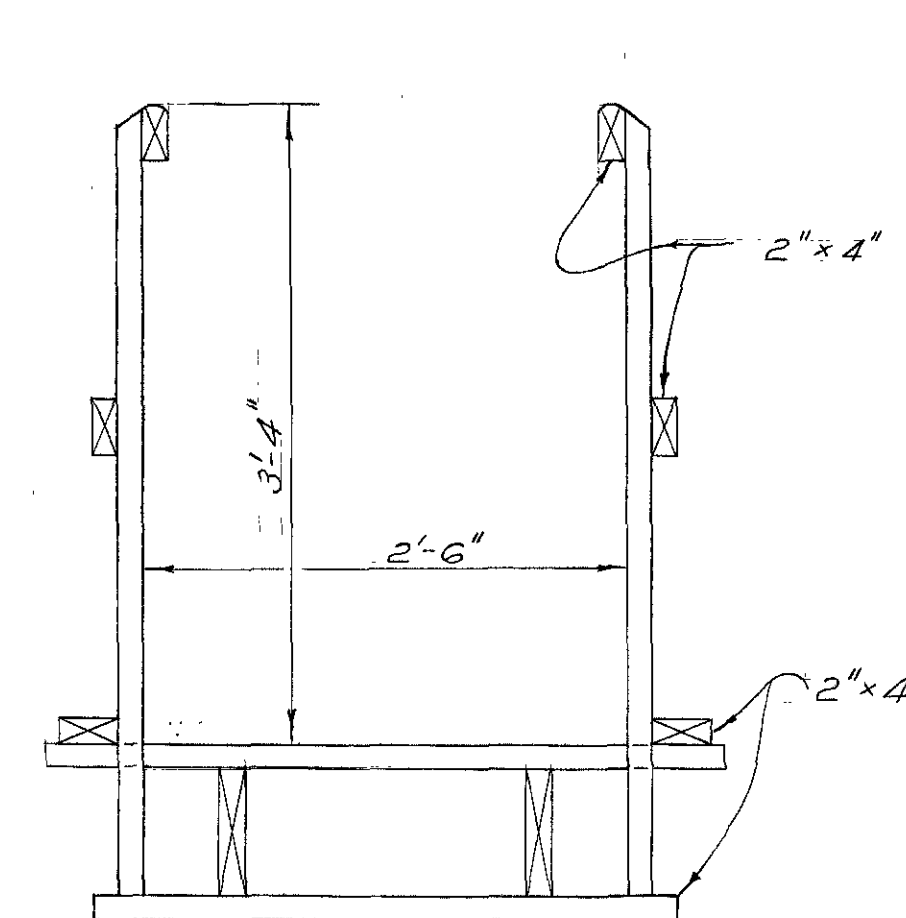


PLAN OF CATWALK  
SCALE 1/4" = 1'-0"

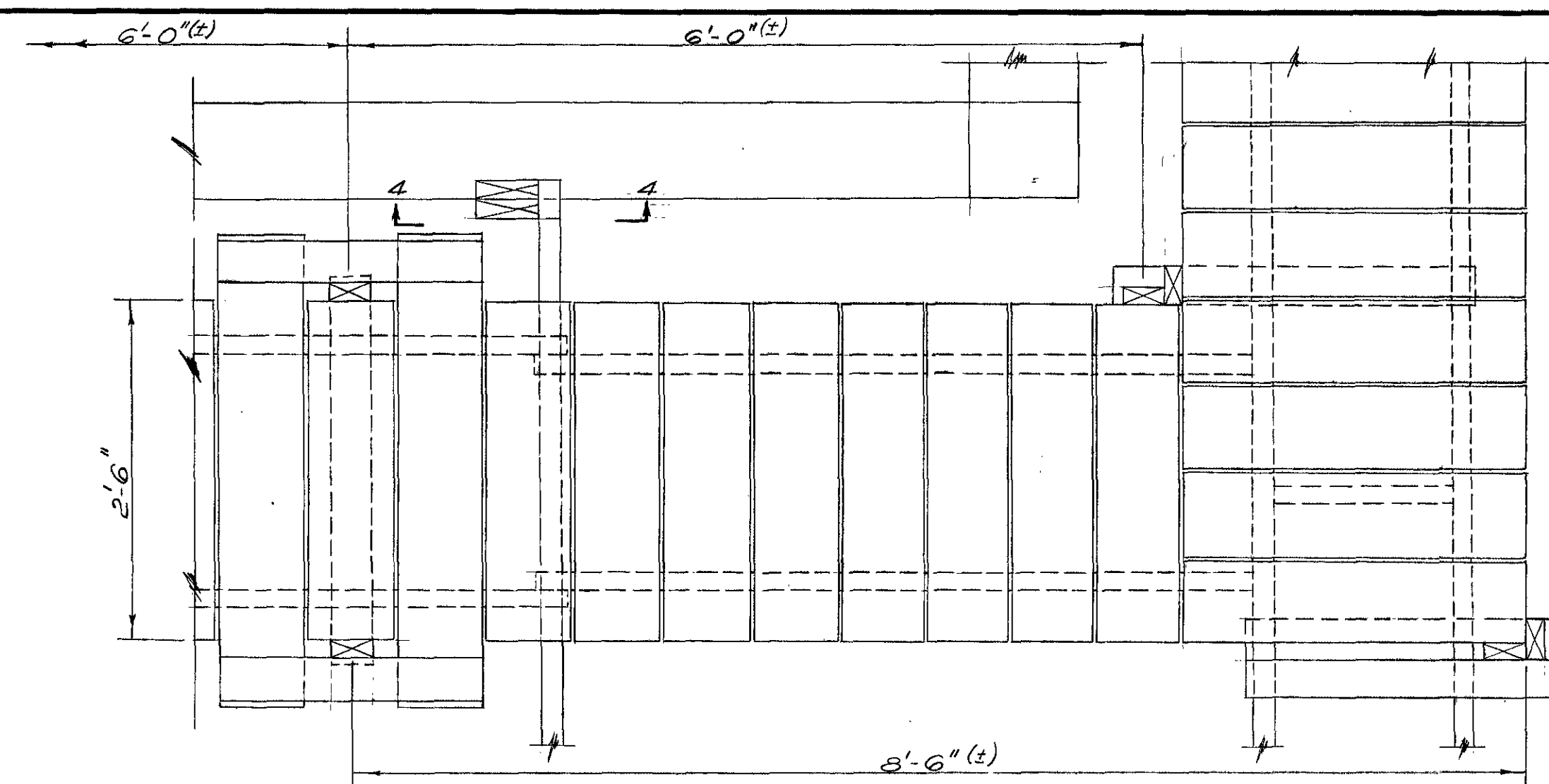
NOTE: Handrail 2"x4" - all other 2"x8"



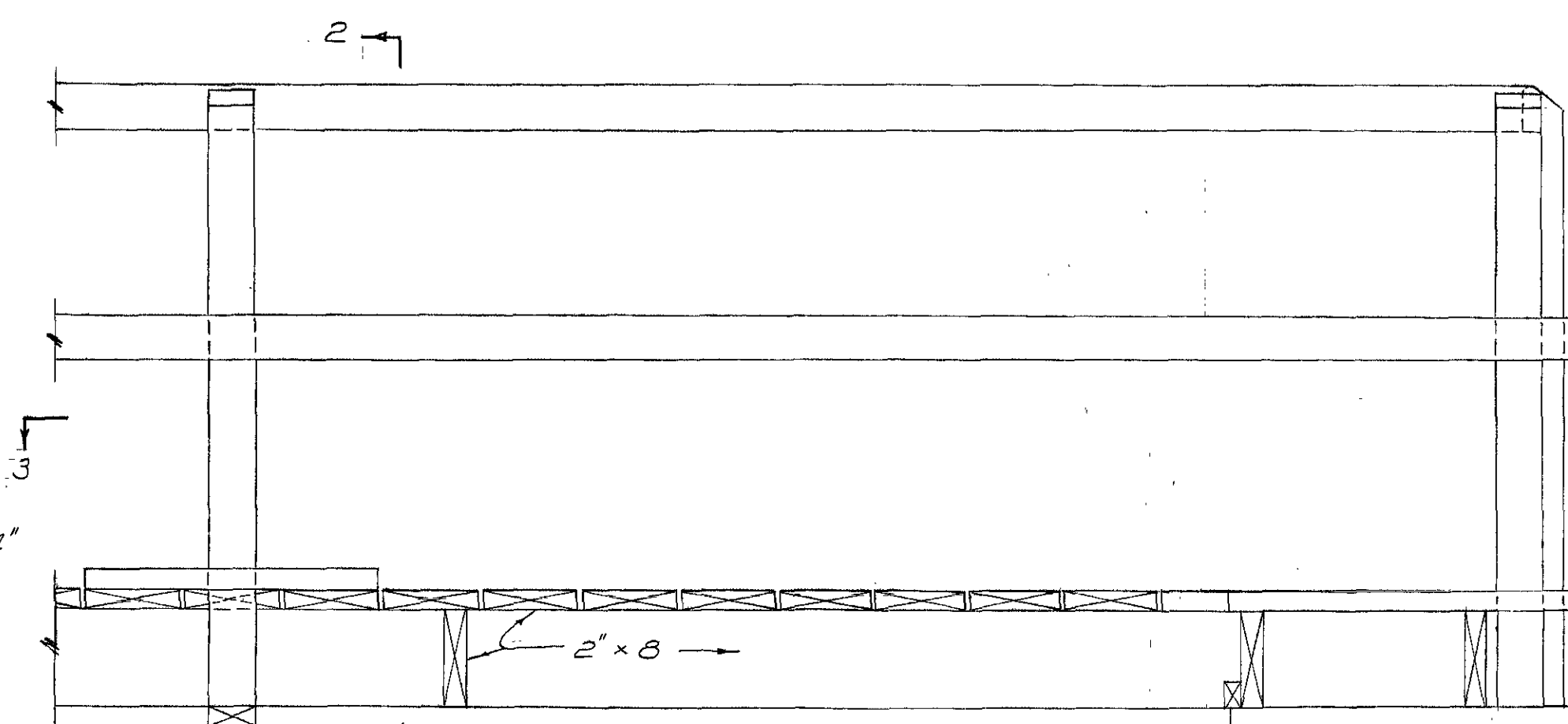
DETAILS OF CATWALK  
SCALE 1" = 1'-0"



SECTION 2-2



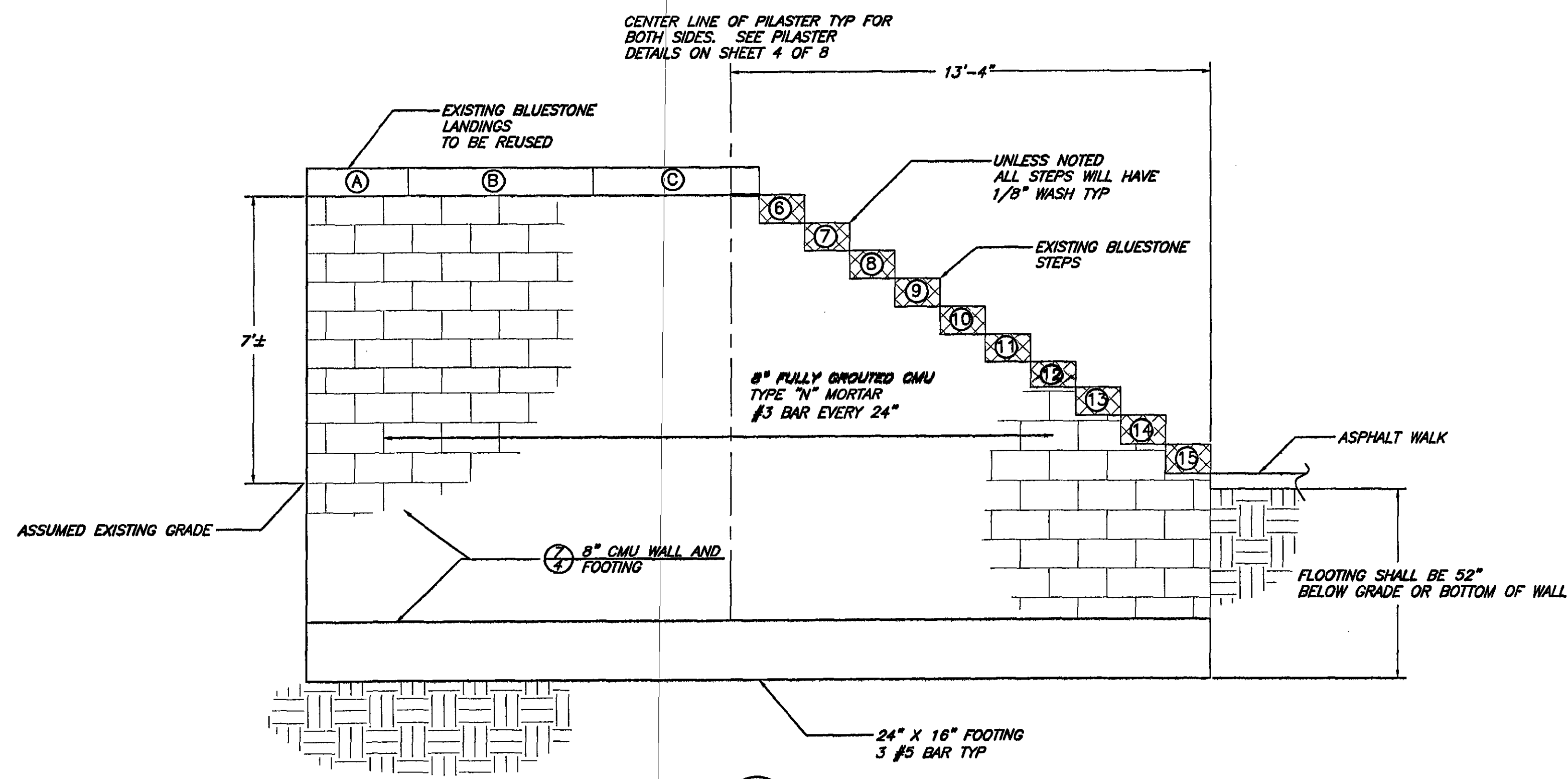
SECTIONAL PLAN 3-3



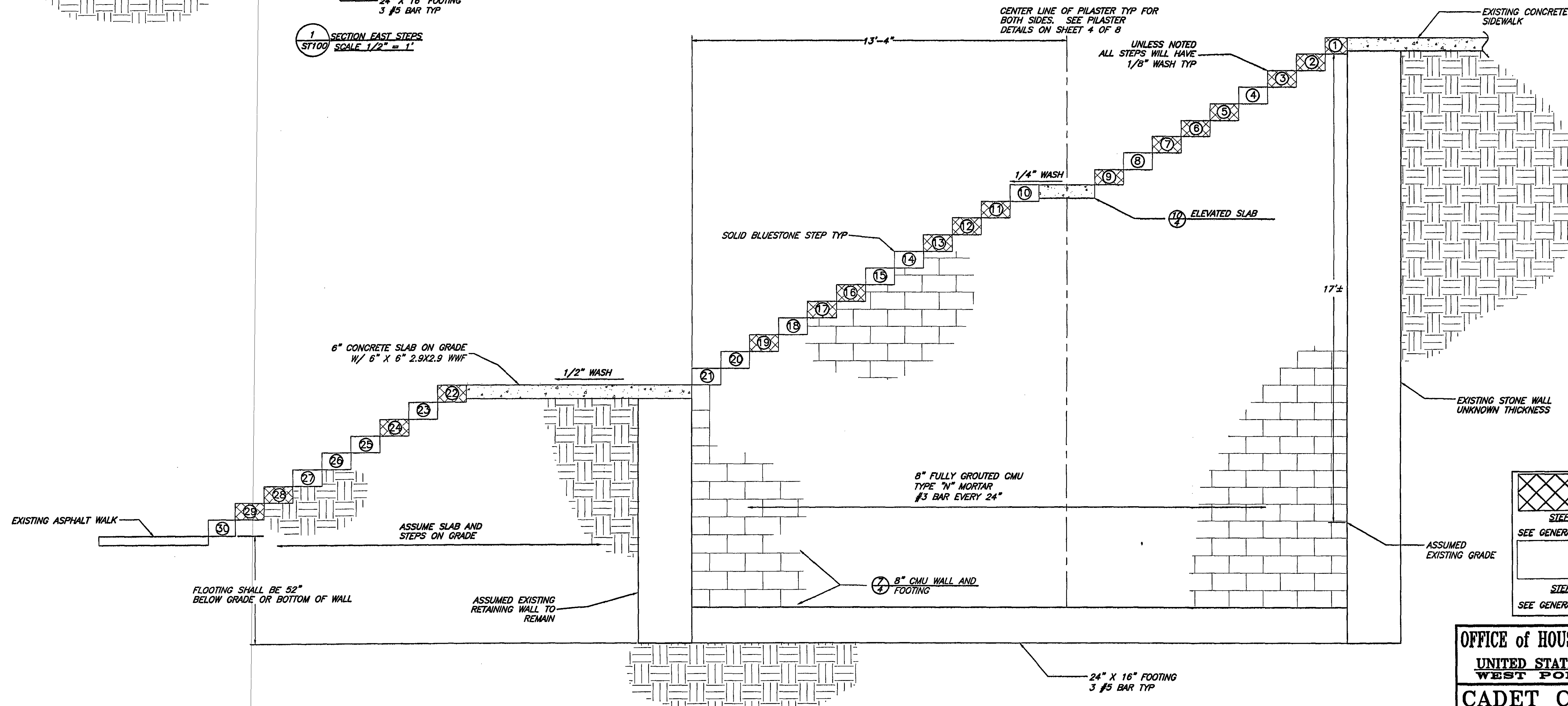
ELEVATION 1-1

OFFICE OF THE ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
CATWALK IN TOWER CHAPEL BLDG. NO. 722					
SUBMITTED BY: <i>Thos A. Smahue</i>			APPROVED BY: <i>R. L. Smith</i>		
SCALE AS SHOWN	DRAWN <i>Laird</i>	TRACED <i>Thos A. Smahue</i>	CHECKED <i>Thos A. Smahue</i>	DATE 1 MAR 66	PLAN NO. 3-606





1 SECTION EAST STEPS  
ST100 SCALE 1/2" = 1'



2 SECTION NORTH STEPS  
ST200 SCALE 1/2" = 1'

# NOTES:

- THE CONTRACTOR SHALL USE SOLID CONCRETE BRICKS OF VARIOUS THICKNESSES TO CREATE THE CORRECT RISE FOR THE STEPS.
- THE FOOTING SHALL BE 52" BELOW GRADE UNLESS IT IS LOWER THAN THE EXISTING STONE WALLS. IF THE BOTTOM OF THE WALL IS INCOUNTED, THE C.O.R. WILL BE NOTIFIED AND THE FOOTING WILL BE CONSTRUCTED NO LOWER THAN THE WALL.
- THE ASPHALT AND CONCRETE WALKS SHALL BE REPAIRED IF DAMAGED DURING CONSTRUCTION.
- UNLESS OTHERWISE NOTED IN THE PLANS, ALL STEPS WILL HAVE A 1/8" WASH.
- THERE WILL BE AT LEAST ONE WALL TIE EVERY 4.5 SF AND SHOULD BE DRILLED INTO ONLY INTACT MORTAR JOINTS. ANY MORTAR FOUND TO BE DETERATED SHOULD NOT BE USED FOR THE TIES AND BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- THE ELEVATION DIFFERENCE FOR THE NORTH STEPS IS ASSUMED TO BE APPROXIMATELY 17'±.
- THE ELEVATION DIFFERENCE FOR THE EAST STEPS IS ASSUMED TO BE APPROXIMATELY 7'±.

- STEP PLAN OPTION #1  
REMOVE, SALVAGE, CLEAN, REPAIR & RESET EXISTING STEPS - REPLACE DEFECTIVE STEPS
- STEP PLAN OPTION #2  
REPLACE ALL STAIRS

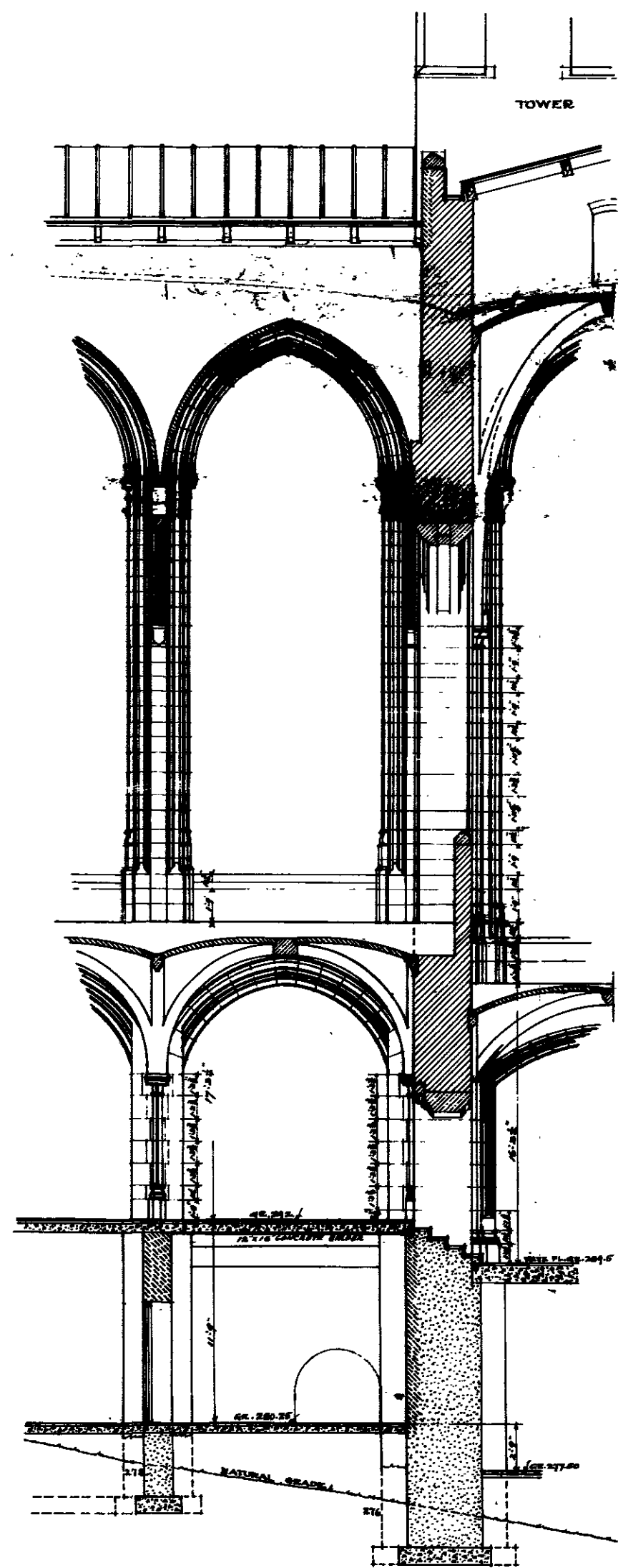
LEGEND	
	STEPS TO BE REPLACED
SEE GENERAL NOTES AND SPECIFICATIONS	
	STEPS TO BE SALVAGED
SEE GENERAL NOTES AND SPECIFICATIONS	

OFFICE of HOUSING and PUBLIC WORKS			
UNITED STATES MILITARY ACADEMY			
WEST POINT, NEW YORK			
CADET CHAPEL STEPS			
STEP PROFILES			
ST200			
Submitted By:	Approved By:		
Scale:	Drawn:	Designed:	Checked:
1/8" = 1'	TPP	TPP	AZ
			Date: 12 FEB 02

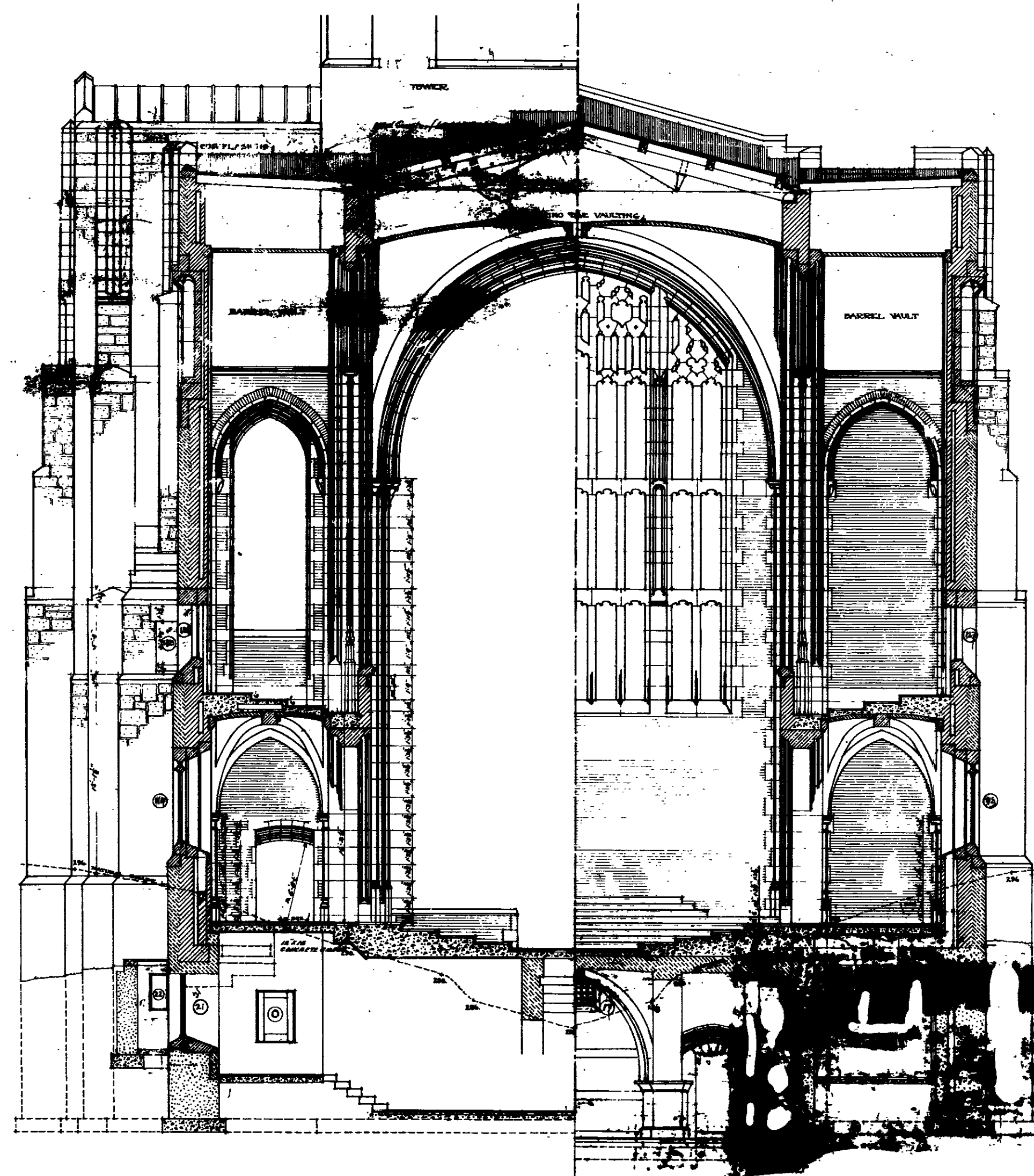


CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT N. Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

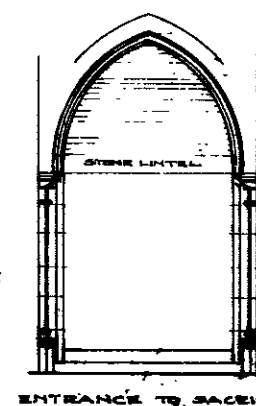
4



LONGITUDINAL SECTION THROUGH  
CHOIR GALLERY  
ON LINE H-H LOOKING WEST

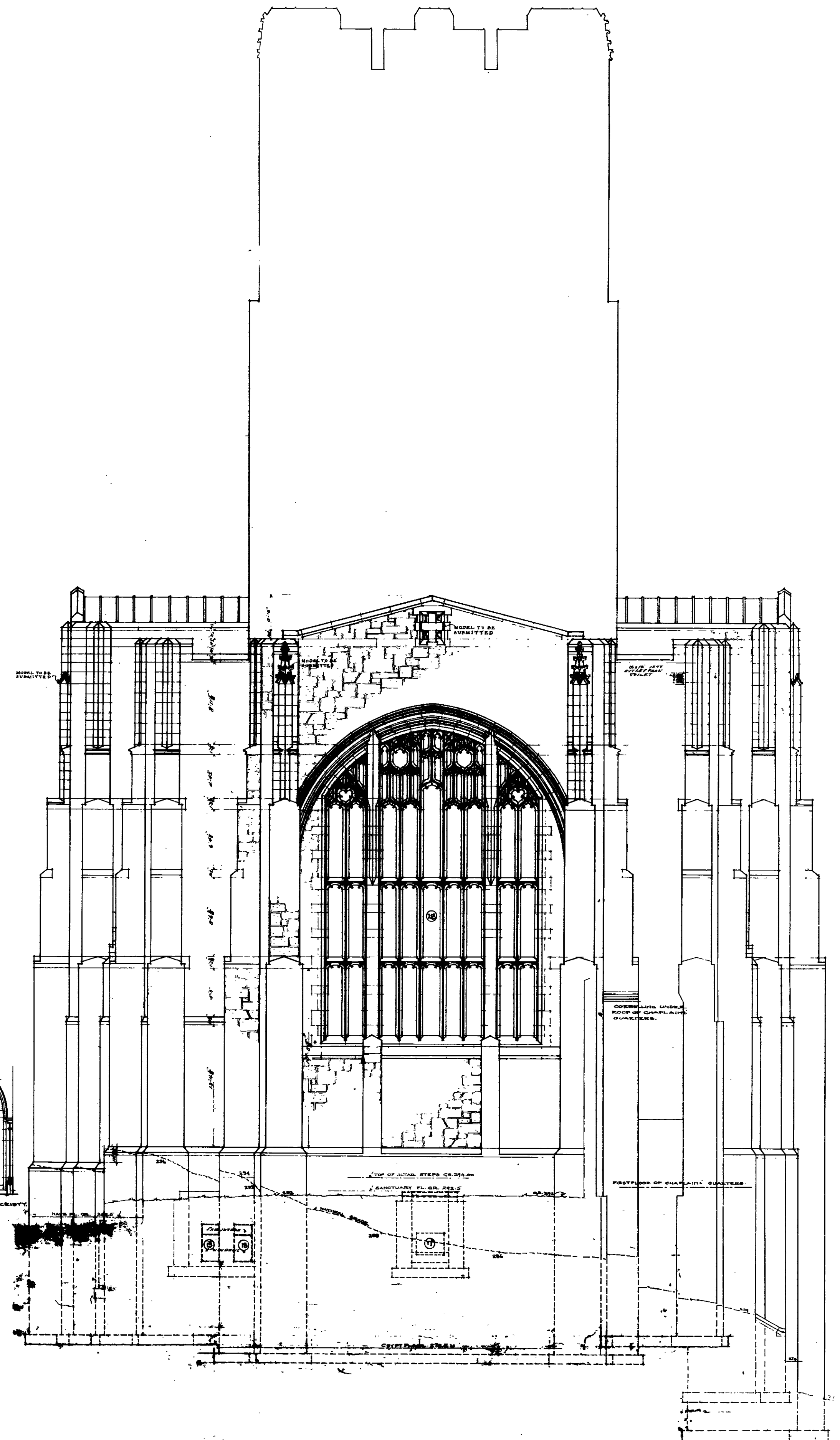


ONE-HALF SECTION THROUGH CHANCEL  
ON LINE F-F LOOKING NORTH



ENTRANCE TO SACRISTY

ONE-HALF SECTION THROUGH CHANCEL  
ON LINE G-G LOOKING SOUTH

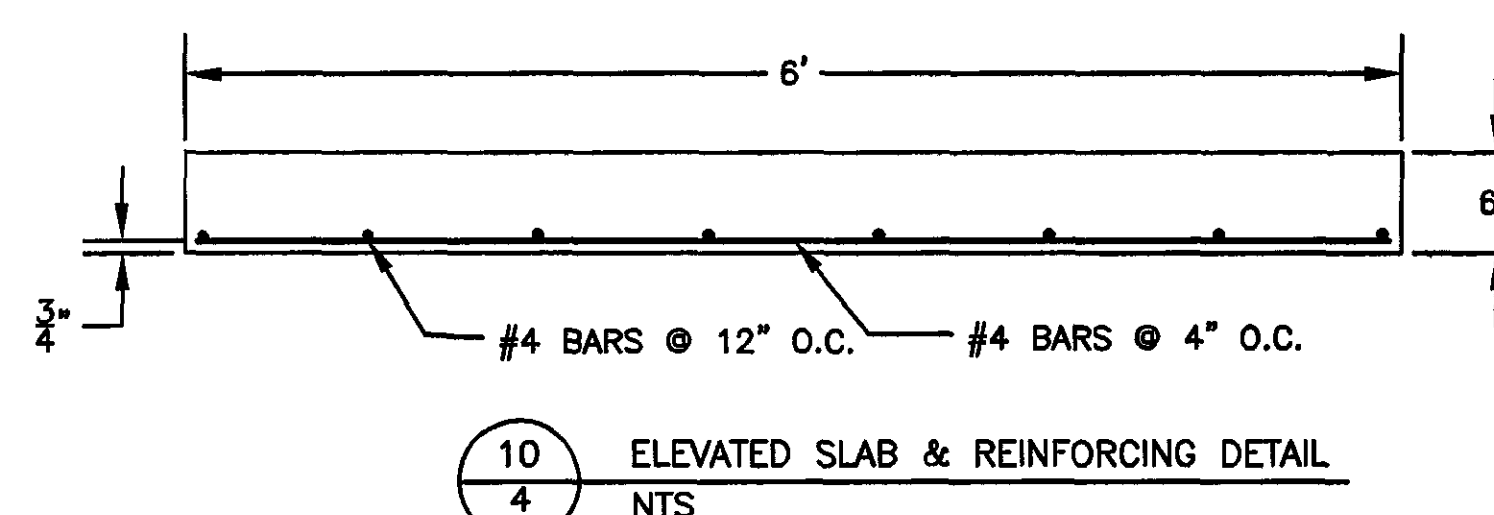
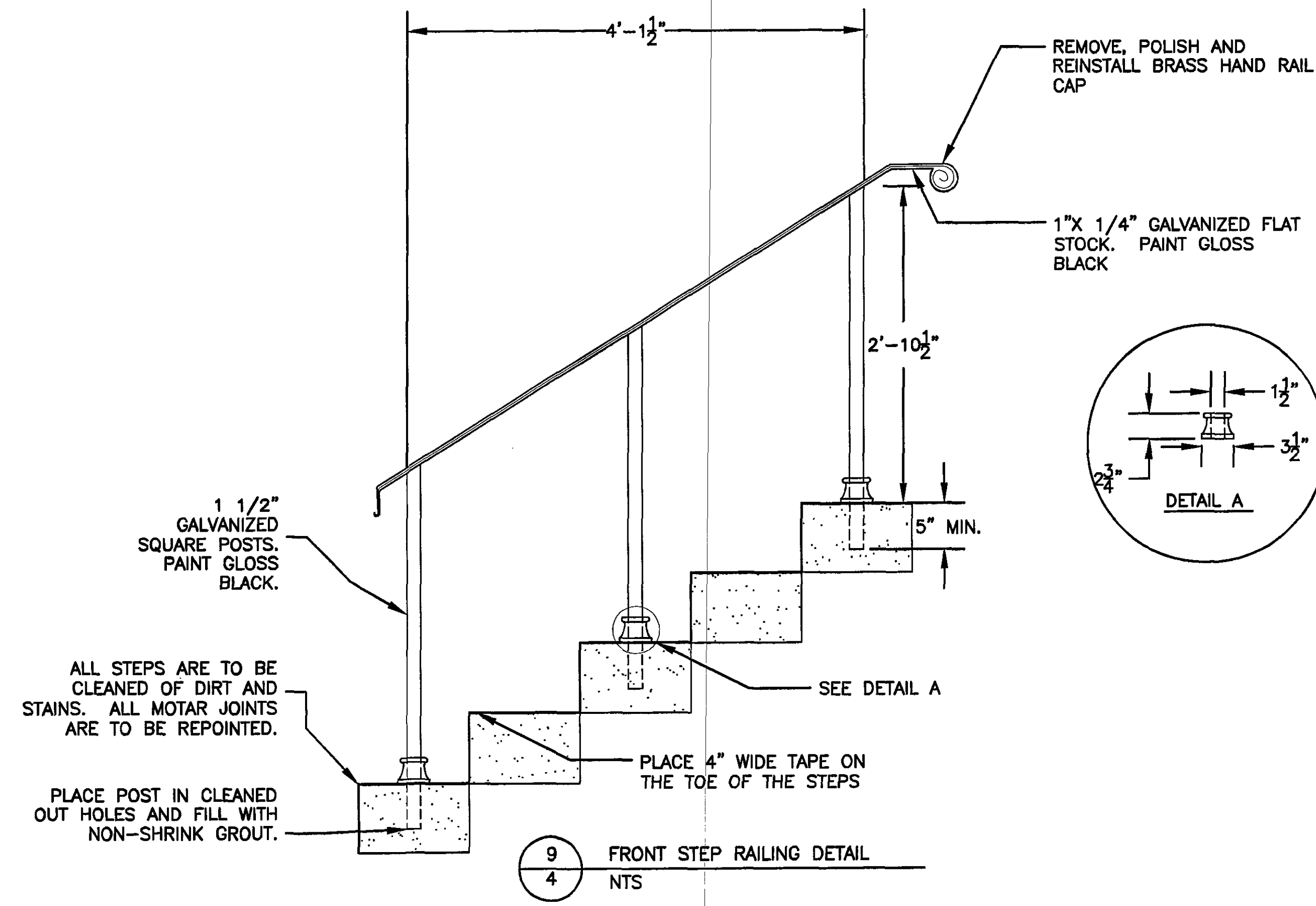
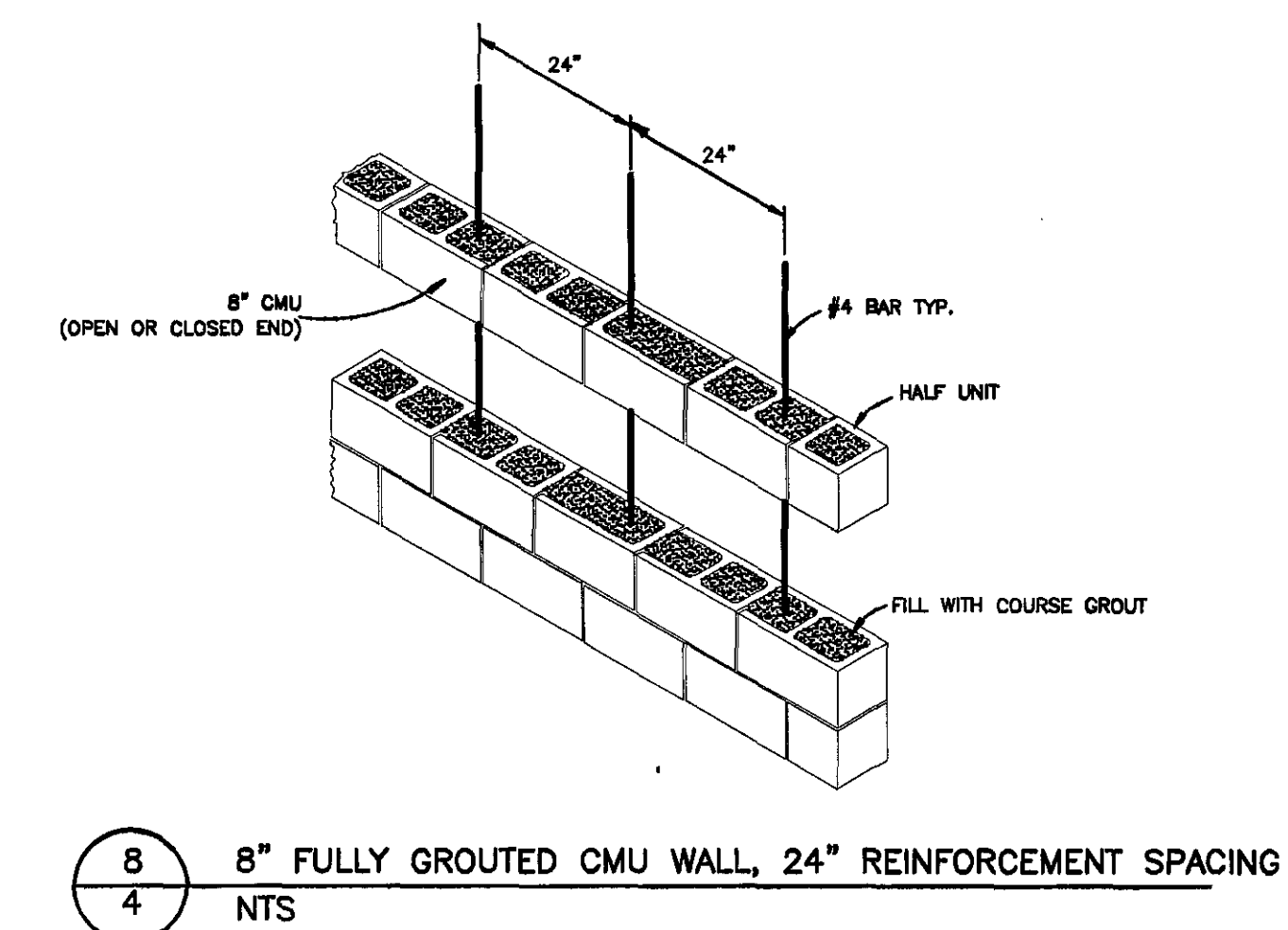
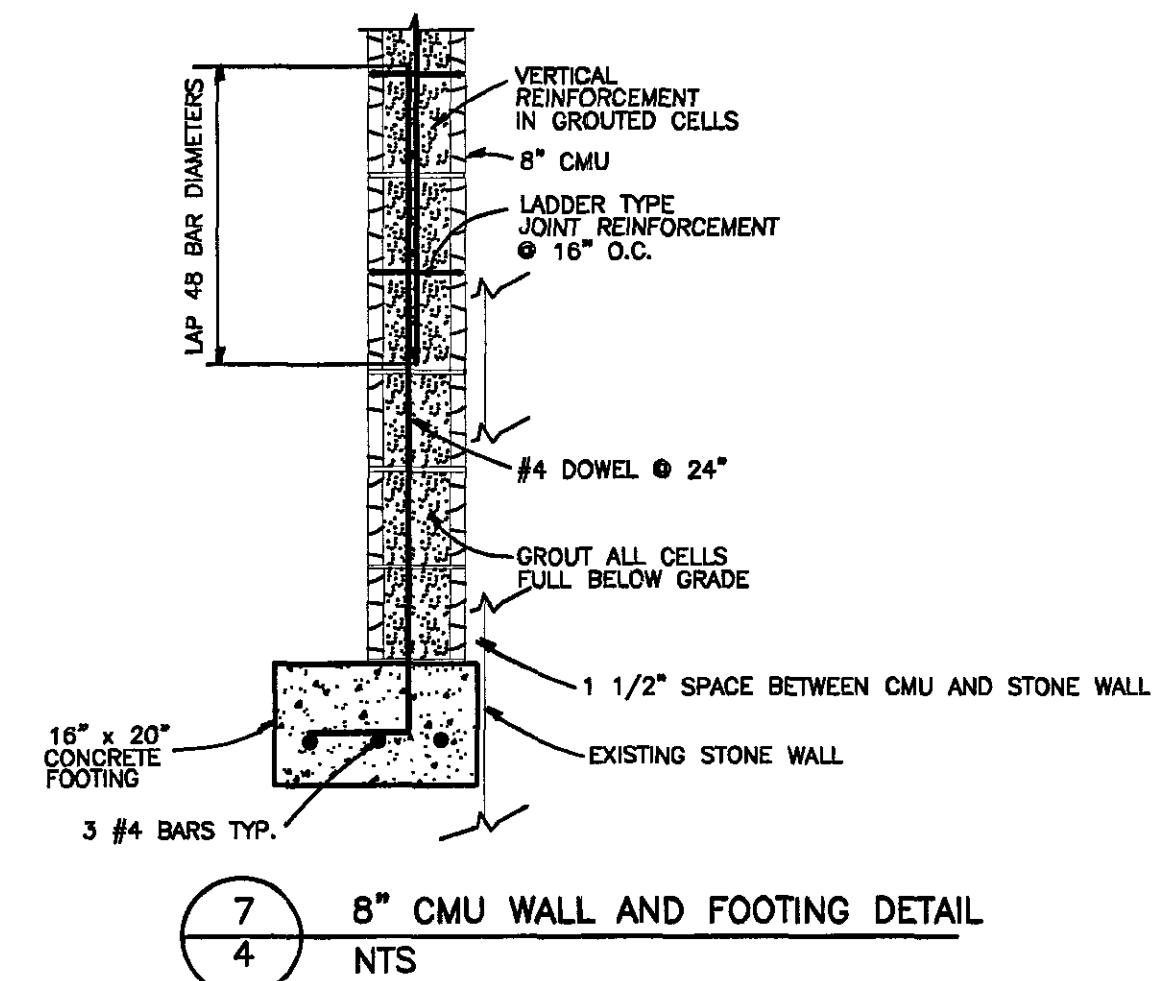
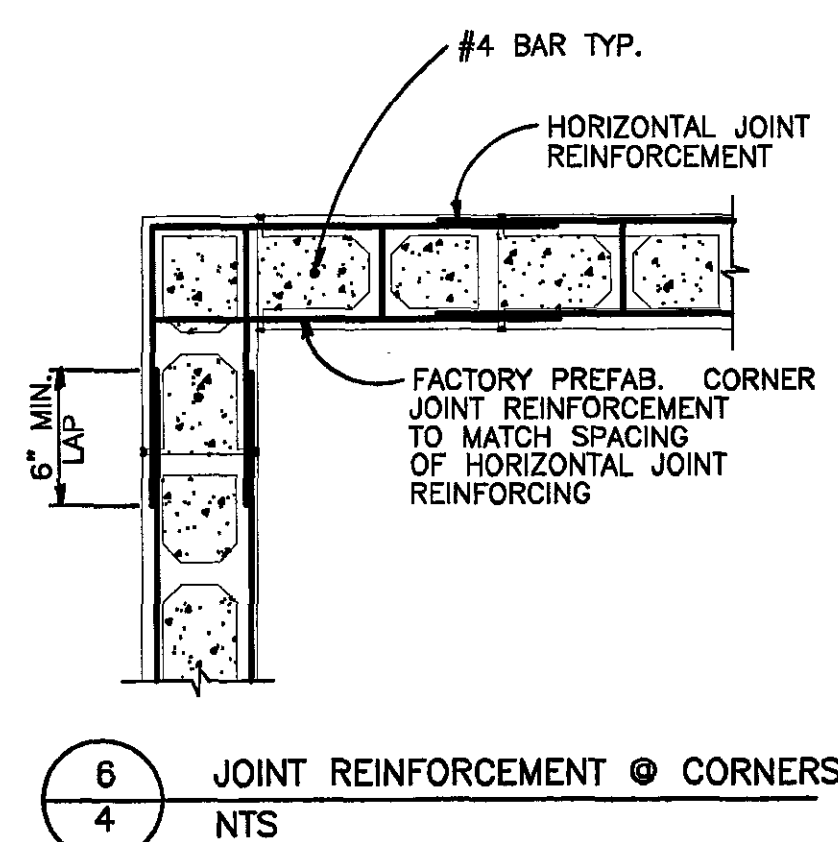
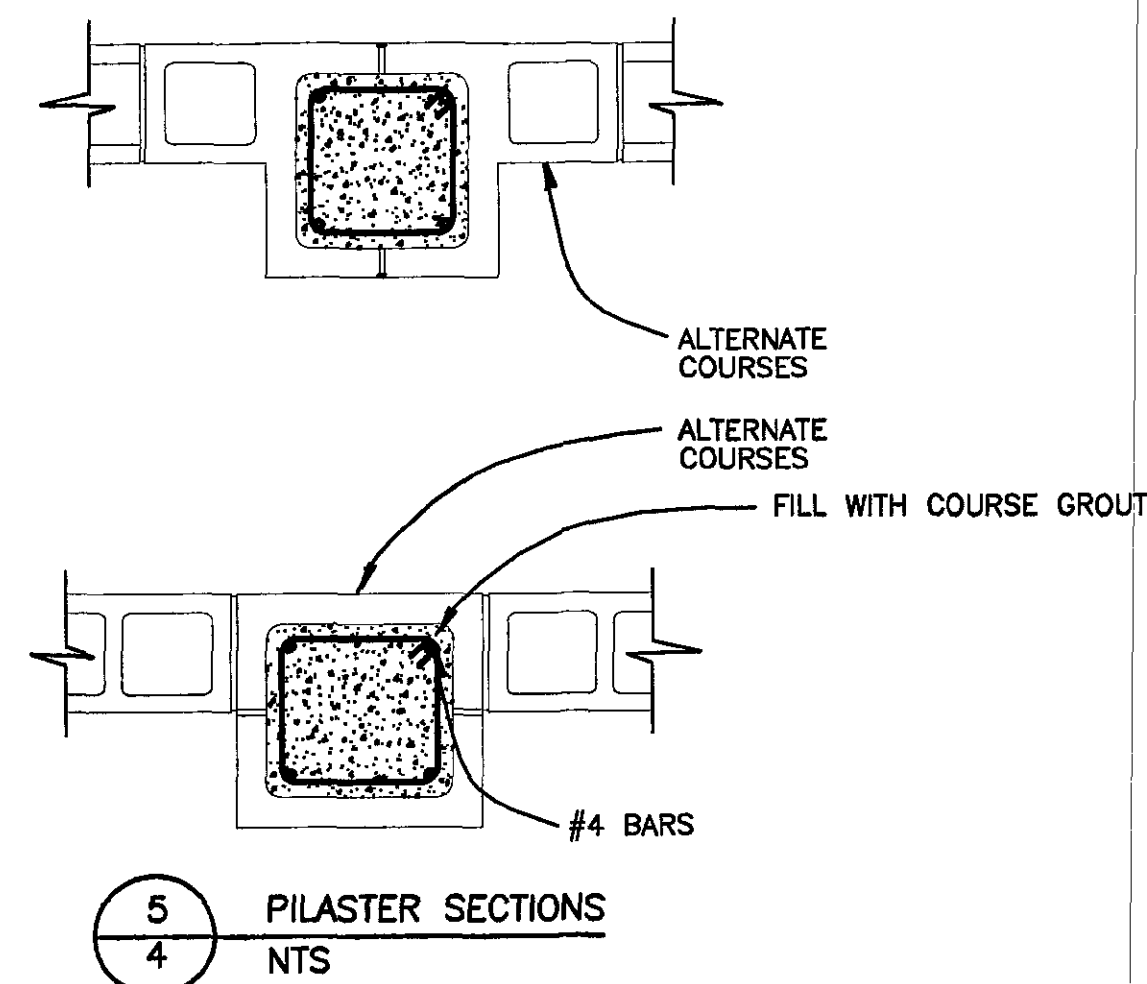
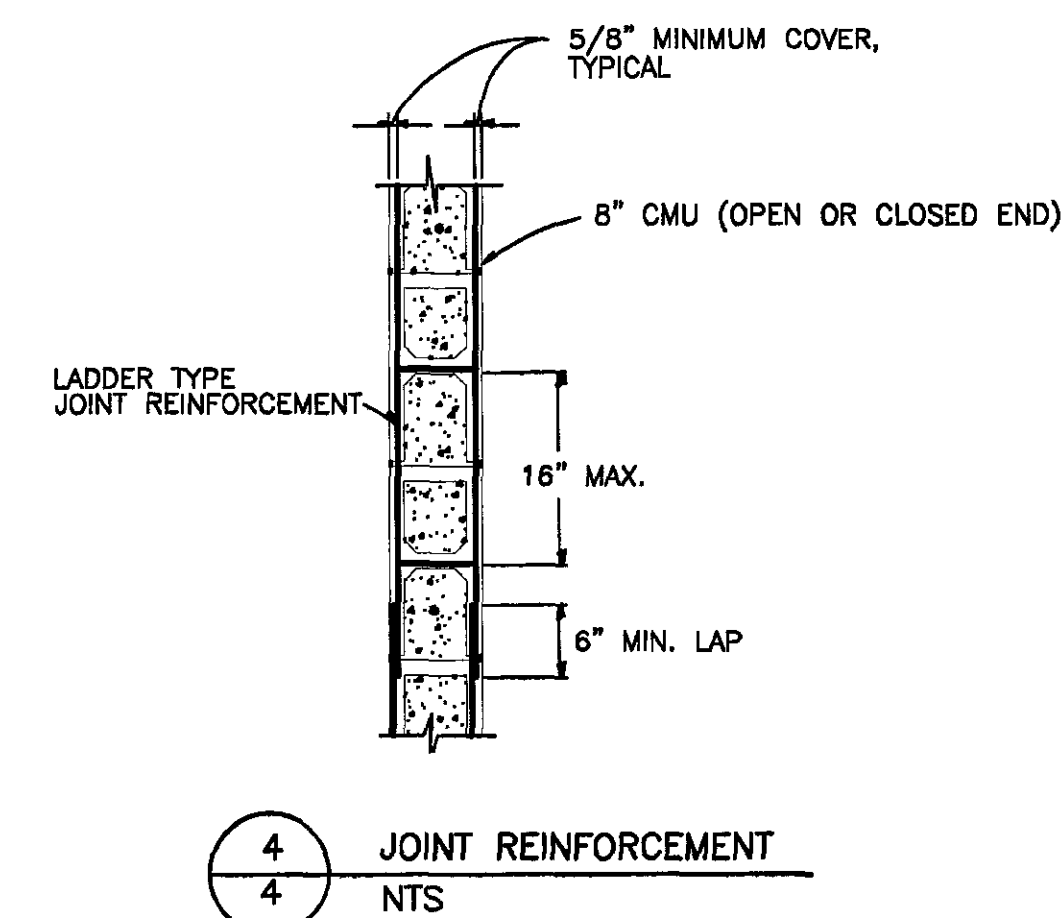
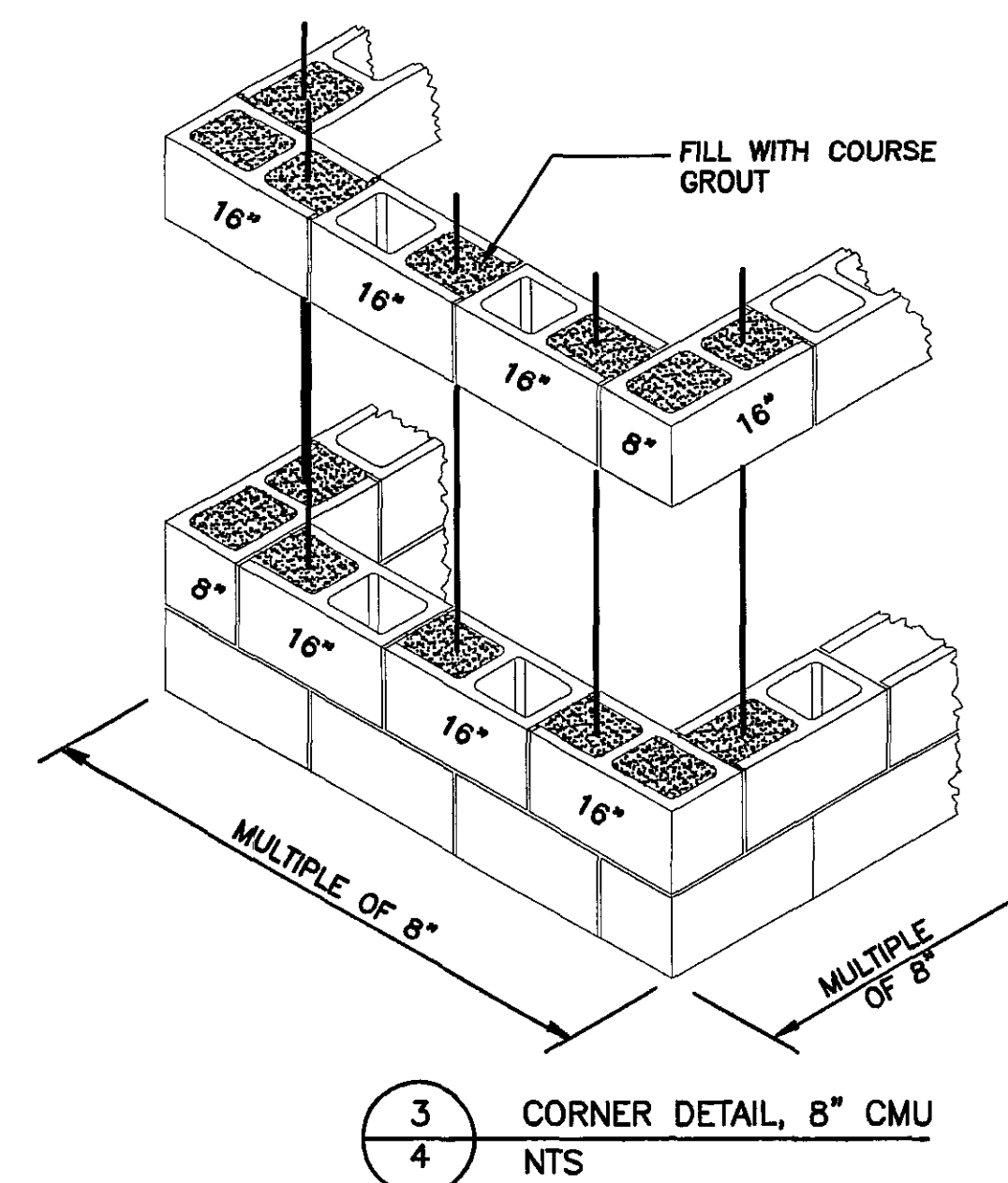
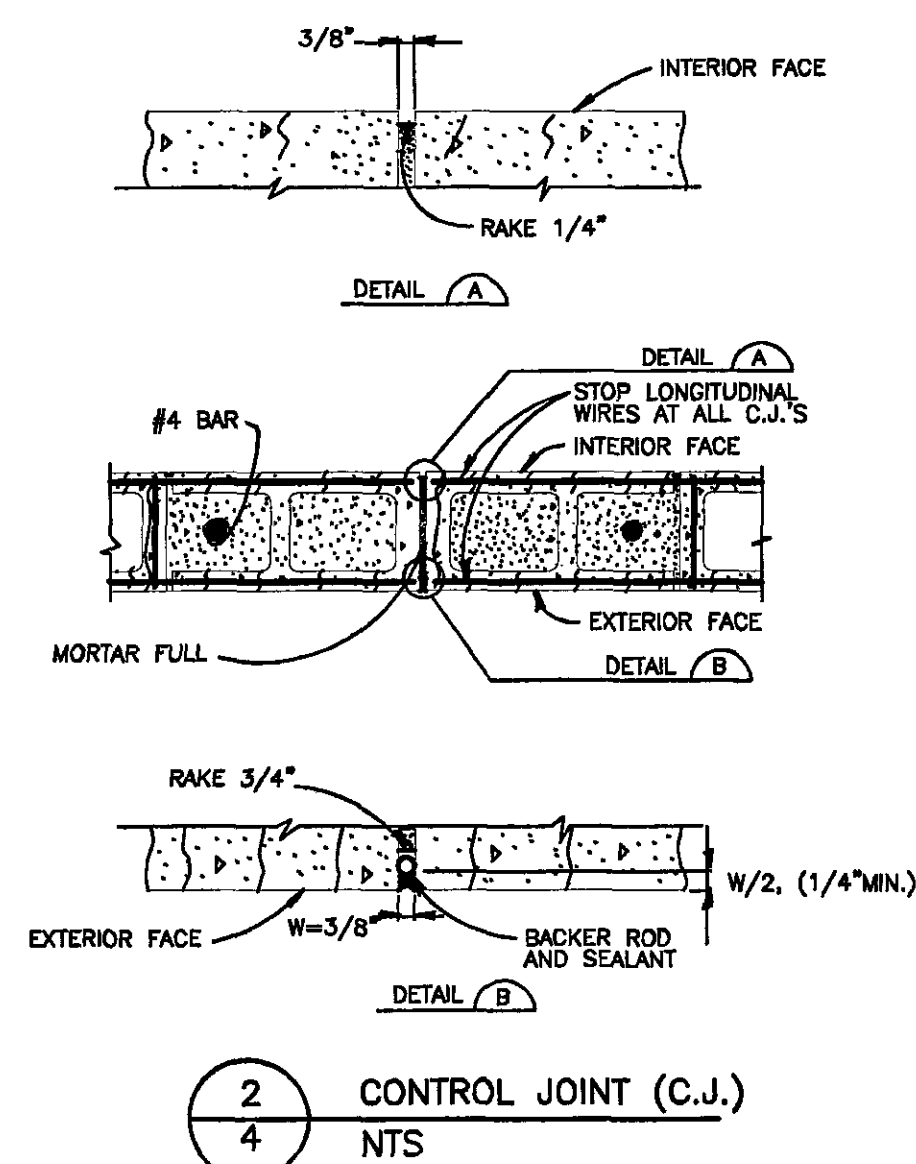
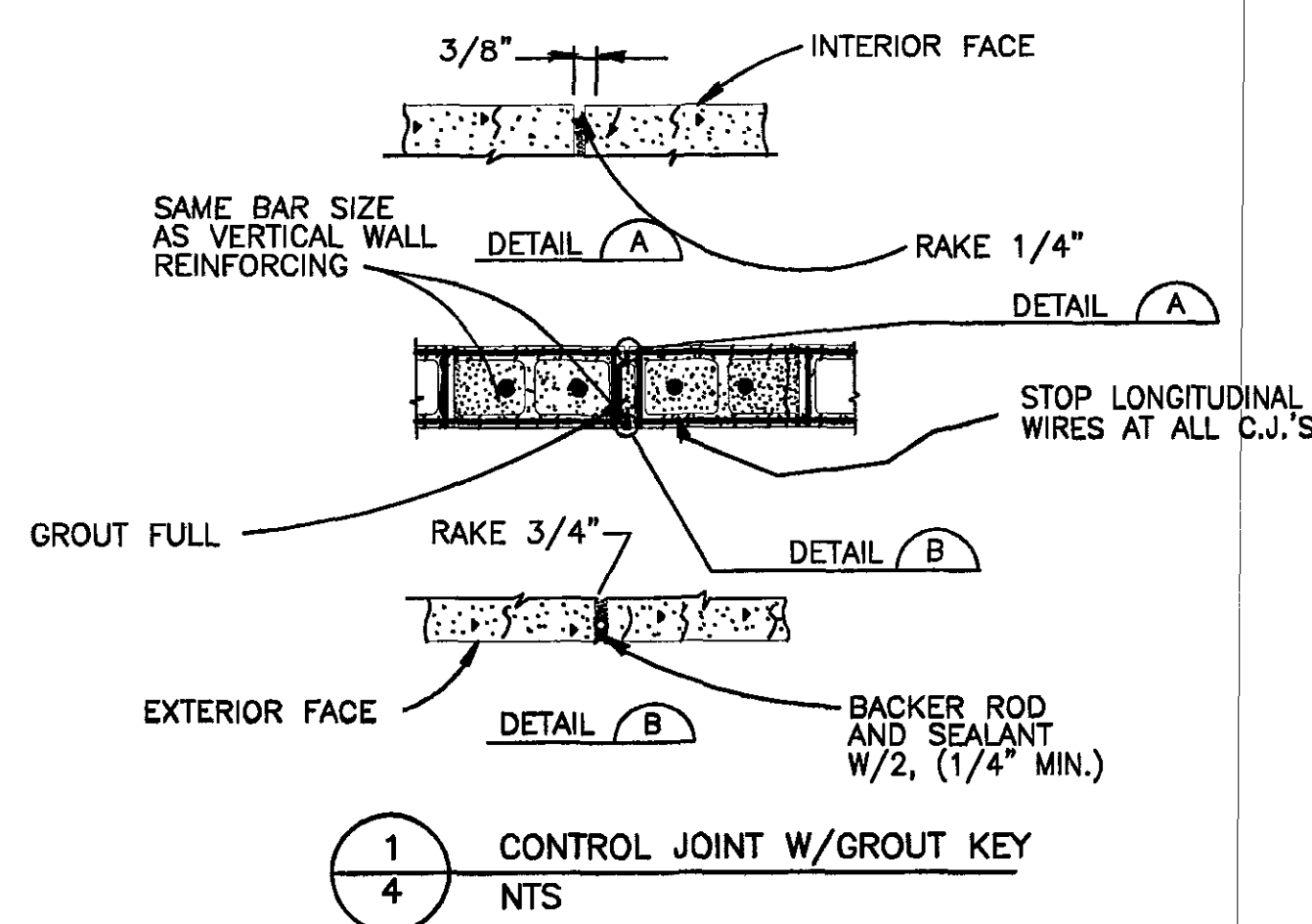


SOUTH ELEVATION

SCALE, 1/4" = 1'-0"

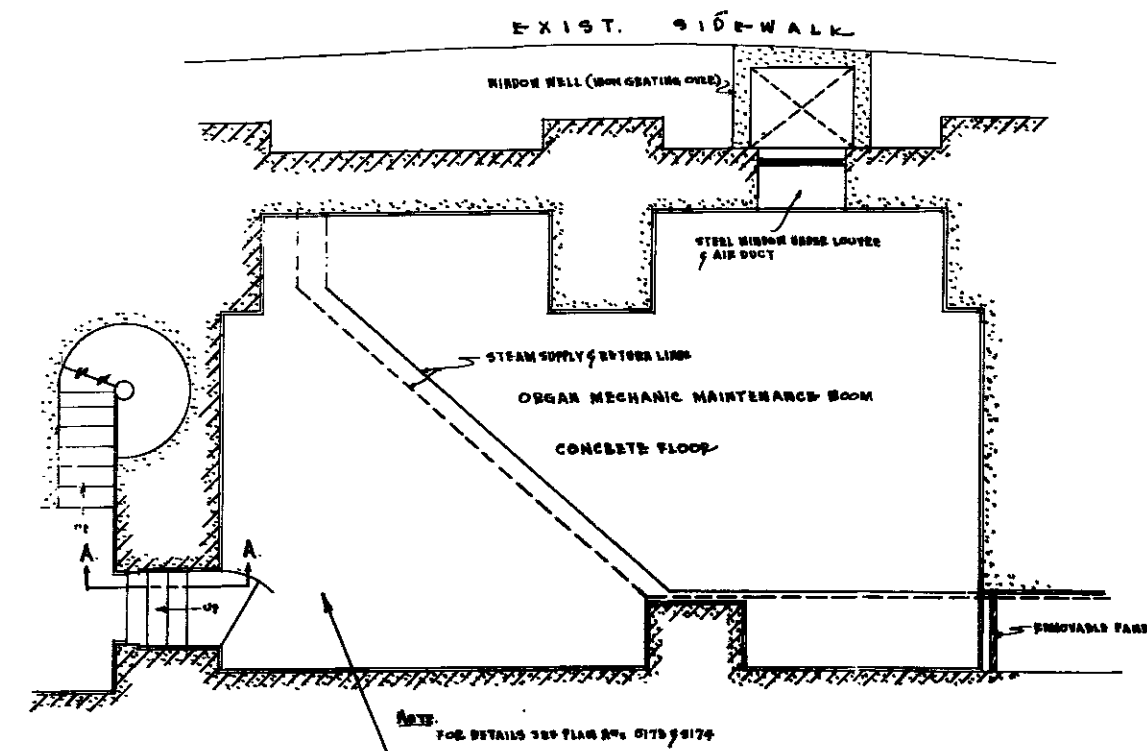
KEY	
CONCRETE STONE	
LOCAL STONE	
BRICK	
GRAVEL VAULTING	
CONCRETE	
RUBBLE STONE	





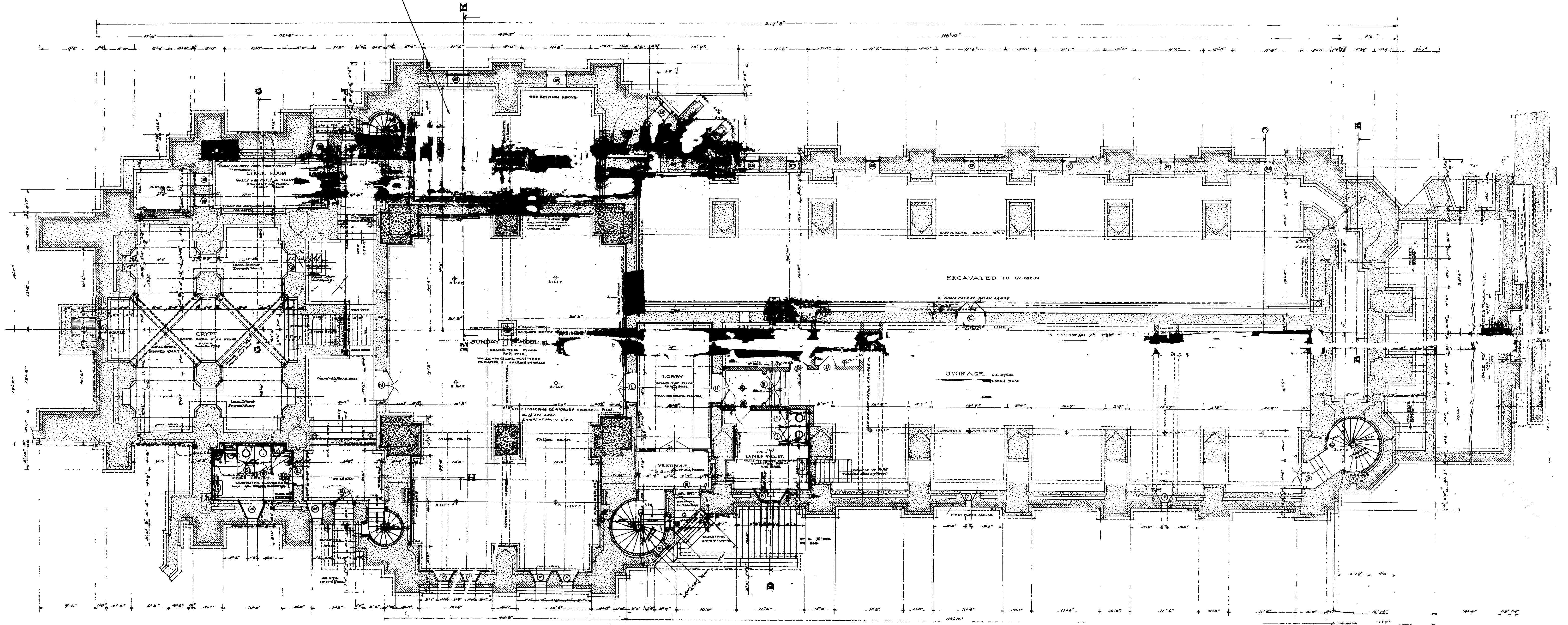
OFFICE of HOUSING and PUBLIC WORKS			
UNITED STATES MILITARY ACADEMY			
WEST POINT, NEW YORK			
CADET CHAPEL STEPS			
DETAILS			
Submitted By:		Approved By:	
Scale:	Drawn:	Designed:	Checked:
NTS	TPP	TPP	AZ
Date:		Date:	
12 FEB 02			





CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT N. Y.  
CRAM GOODHUE & FERGUSON ARCHTDS  
NEW YORK & BOSTON

3

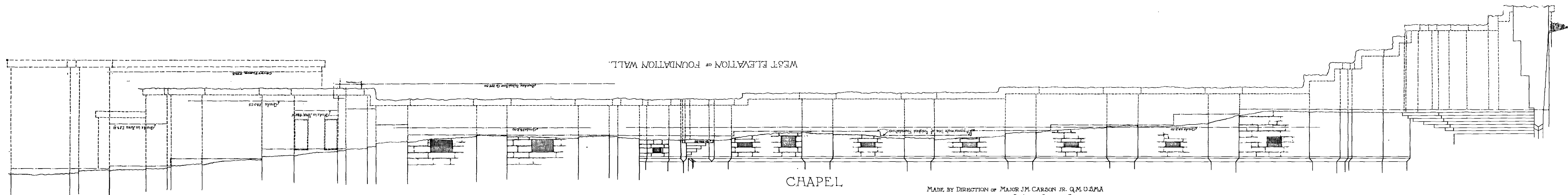


BASEMENT & FOUNDATION PLAN

SCALE 1/4"=1'-0"

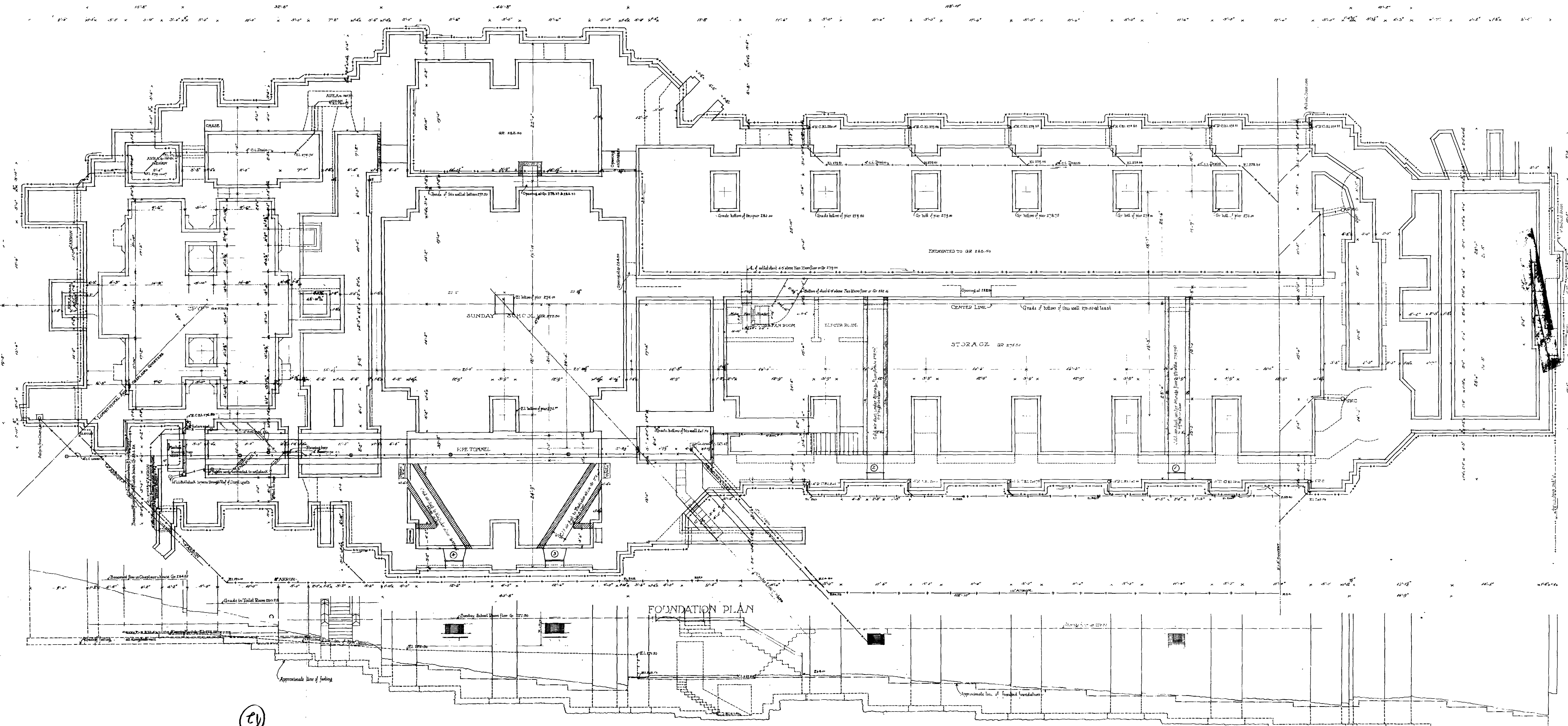
KEY	
COBBLE STONE	
LOCAL STONE	
BRICK	





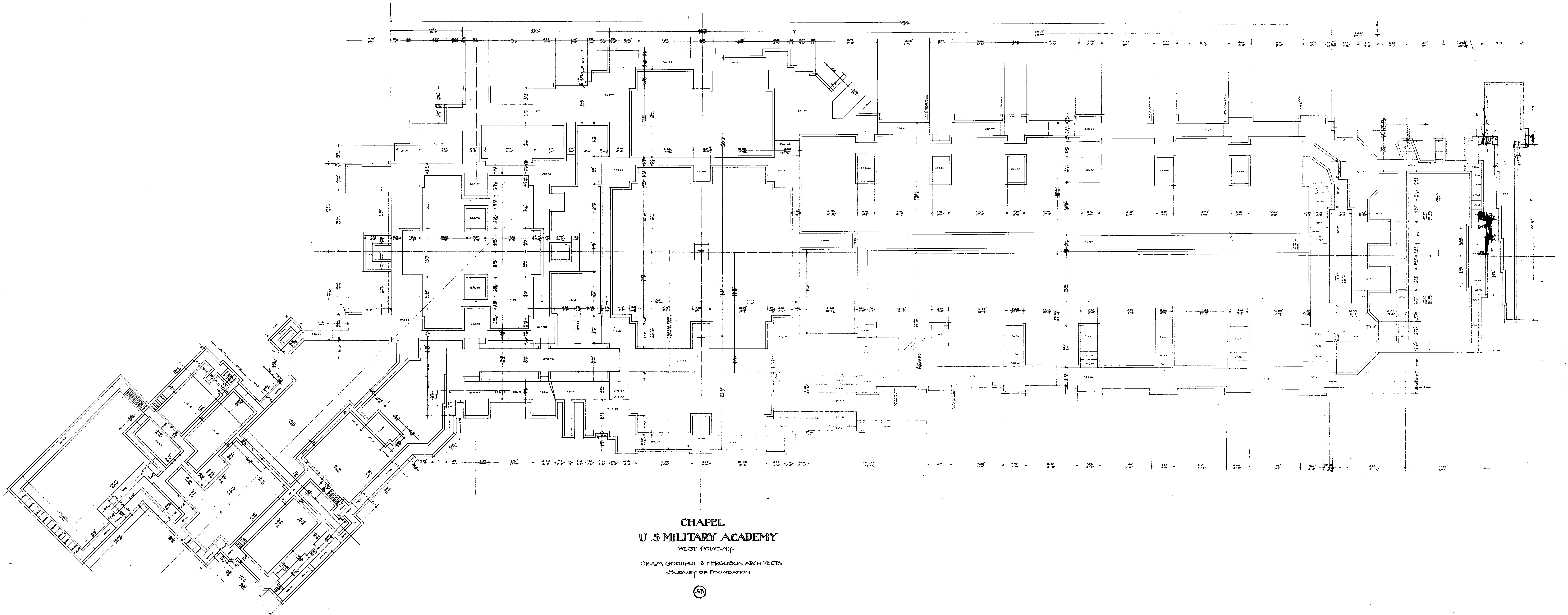
CHAPEL  
U.S. MILITARY ACADEMY.  
WEST POINT, N.Y.  
CRAM, GOODHUE & FERGUSON,  
ARCHITECTS.

MADE BY DIRECTION OF MAJOR J.M. CARSON JR. Q.M. U.S.A.  
OFFICE IN CHARGE OF CONSTRUCTION  
DRAWN BY ARMA. CHECKED BY DRAWING NO. 5A.



EAST ELEVATION OF FOUNDATION WALLS



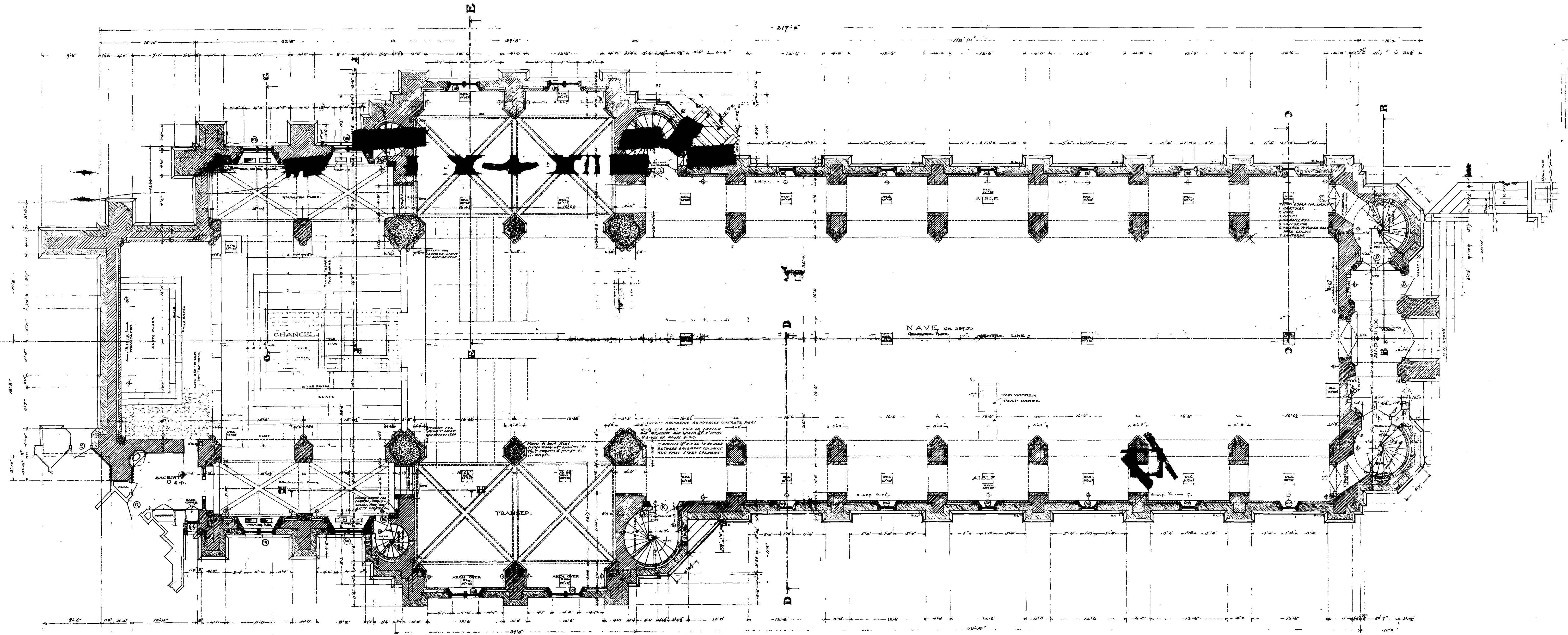


CHAPEL  
U.S. MILITARY ACADEMY  
WEST POINT, NY.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
CHAPEL OF THE U.S. MILITARY ACADEMY

50



BLDG. NO. 741  
CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT N. Y.  
CRAM GOODHUE & FERGUSON ARCHTCTS  
NEW YORK & BOSTON



FIRST FLOOR PLAN

KEY  
CONCRETE STONE  
LOCAL STONE  
BRICK






7

[illegible]

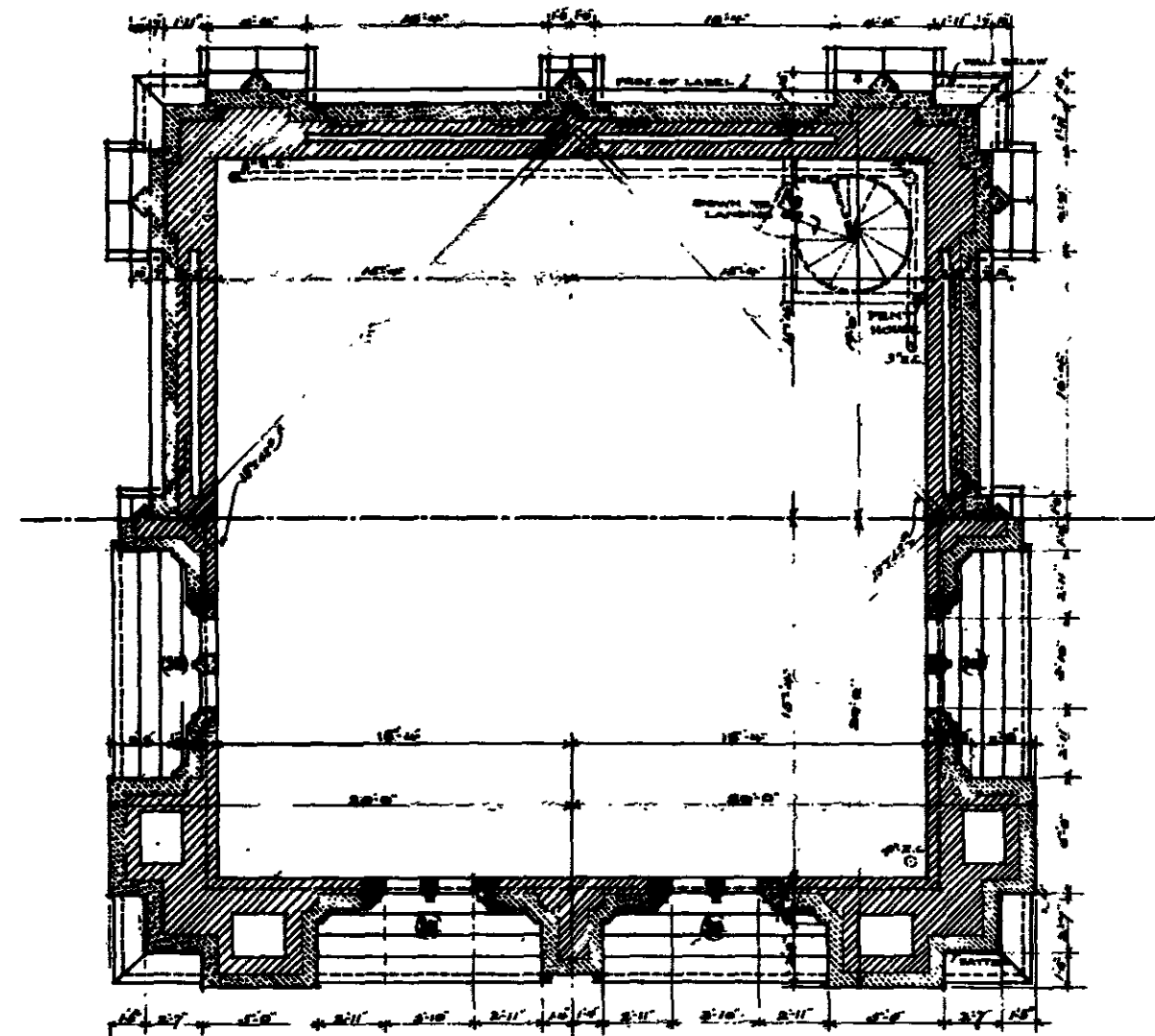
SCALE, ~~1/4"~~ = 1'-0"

KEY

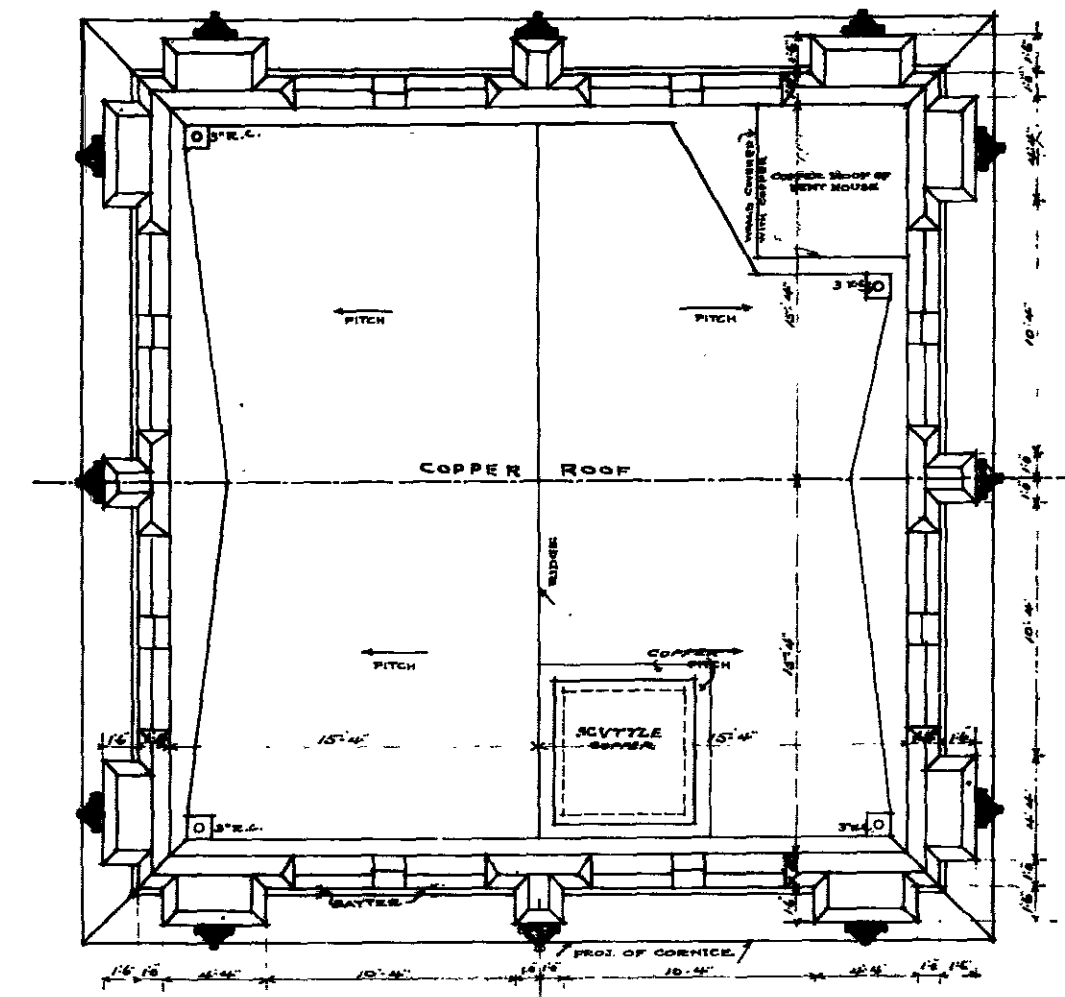
CONCRETE STONE	
LOCAL STONE	
BRICK	



ONE-HALF PLAN THROUGH TOWER BELOW CORNICE



ONE-HALF PLAN THROUGH LARGE WINDOW IN TOWER

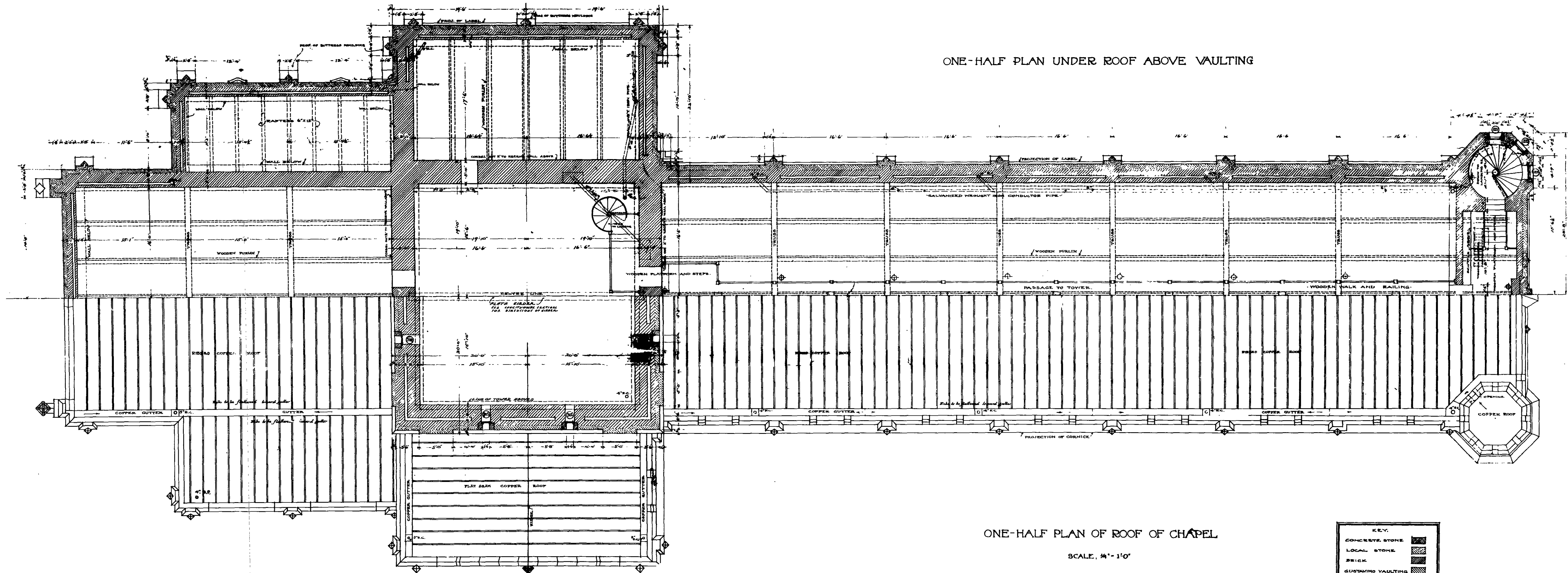


ROOF PLAN OF TOWER

CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT N. Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

8

ONE-HALF PLAN UNDER ROOF ABOVE VAULTING



ONE-HALF PLAN OF ROOF OF CHAPEL

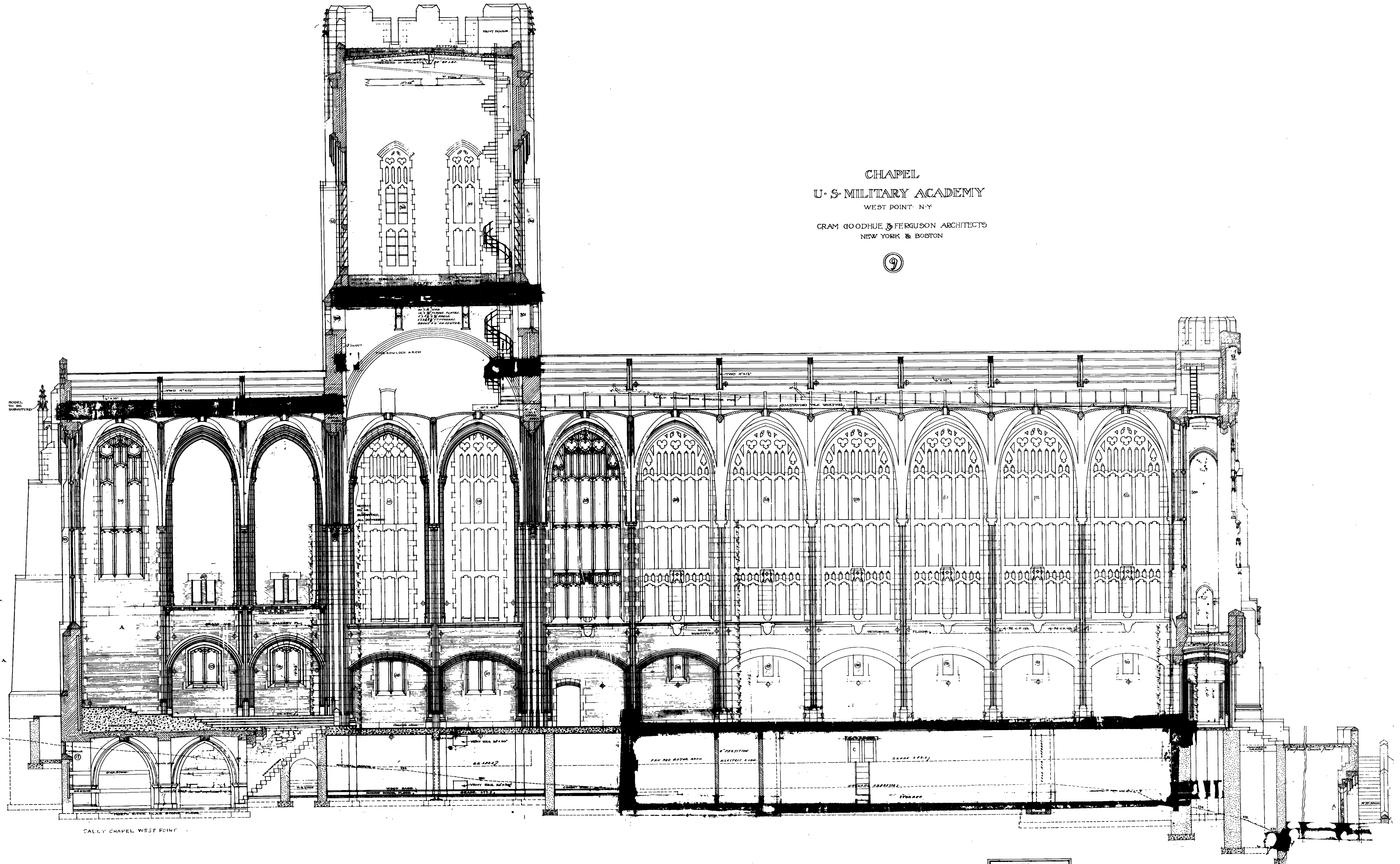
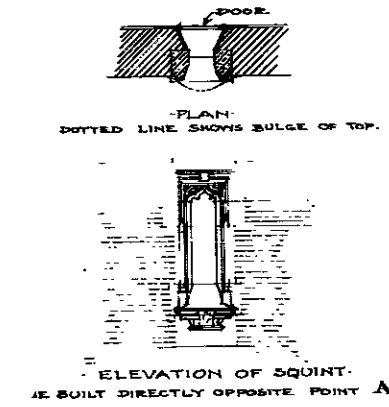
SCALE, 3/4" = 1'-0"

KEY	
CONCRETE STONE	
LOCAL STONE	
BRICK	
GUSTAVUS VAULTING	
CONCRETE	
RUSSIAN STONE	



CHAPEL  
U. S. MILITARY ACADEMY  
WEST POINT, N. Y.  
GRAM, GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

9



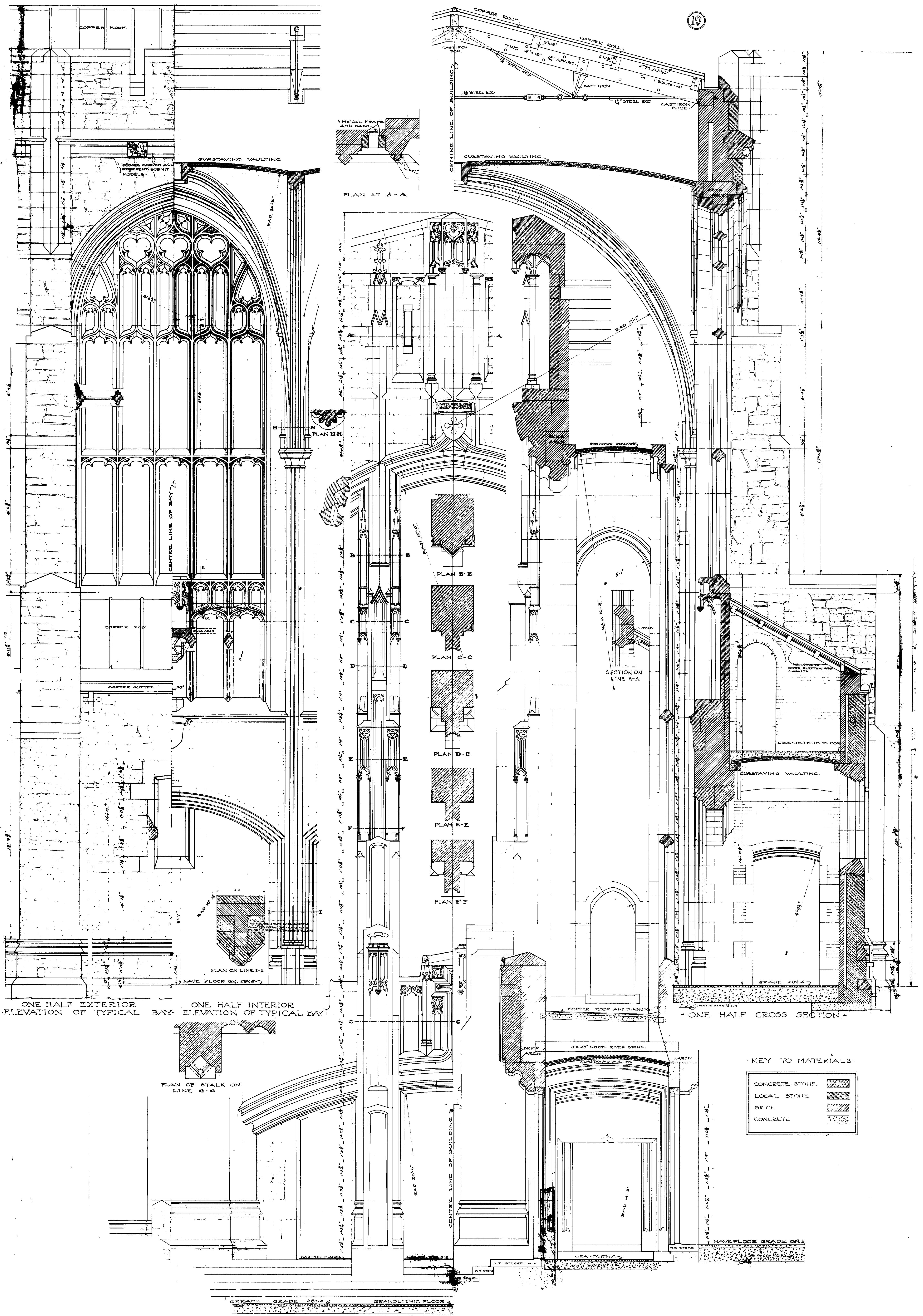
SECTION ON CENTER LINE A-A

SCALE 1/8" = 1'-0"

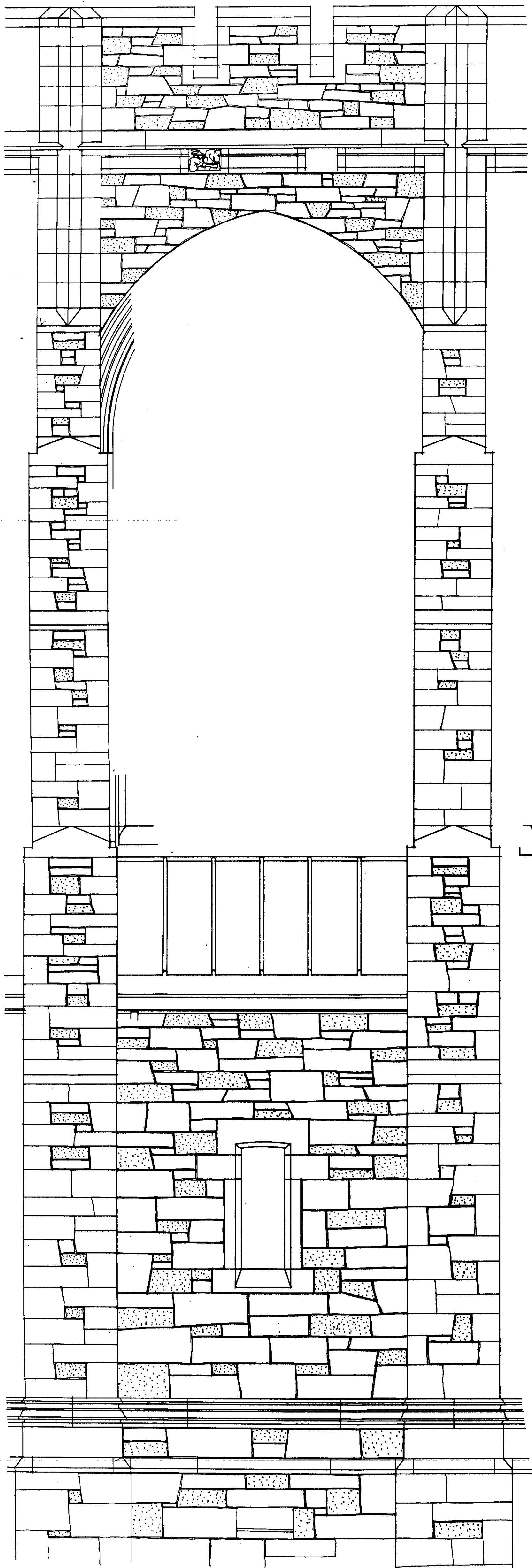


•  $\frac{3}{4}$  INCH SCALE DETAILS •

10







▲ ELEVATION OF TYPICAL BAY ▲

▲ DETAIL SHOWING CHARACTER OF STONEWORK FOR CHAPEL ▲

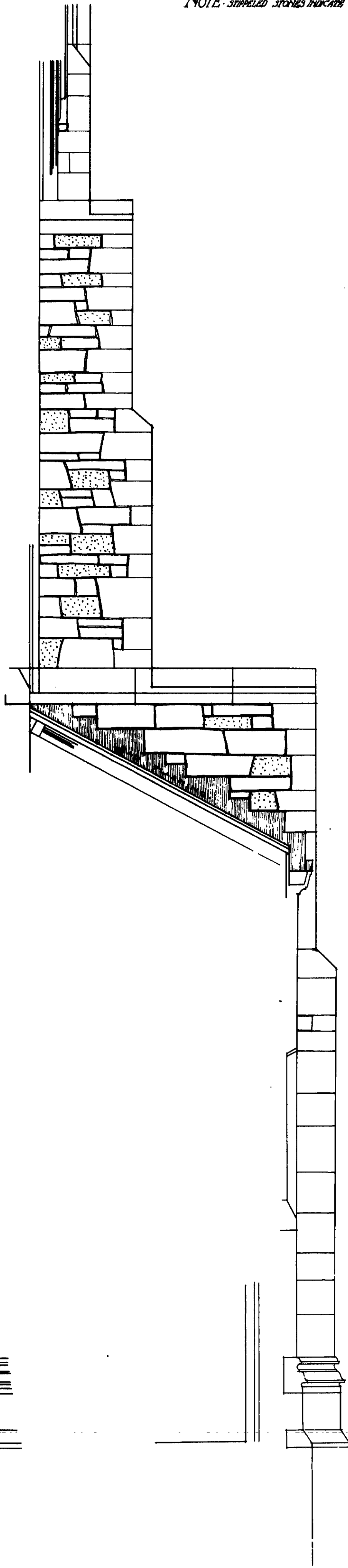
U.S. MILITARY ACADEMY • WEST POINT • N.Y.

CRAM GOODHUE & FERGUSON ARCHTS  
NEW YORK & BOSTON

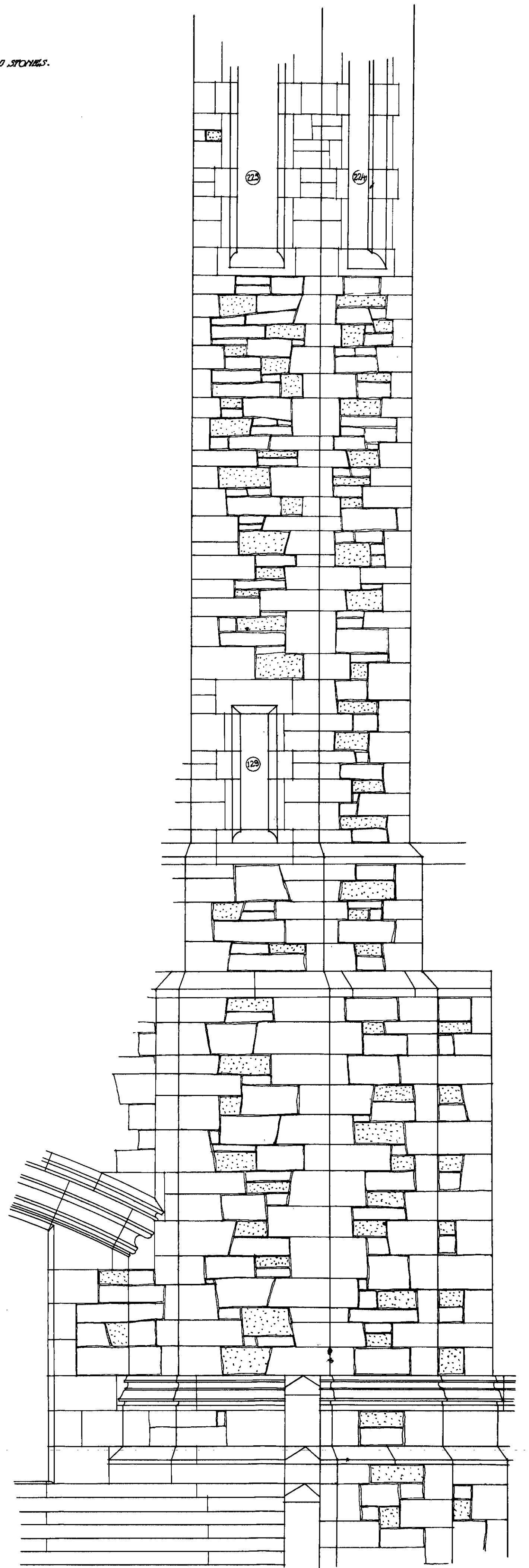
NOTE: THIS DRAWING REVISING  
DRAWING # 218 MADE AT WEST POINT.

11

NOTE: STIPPLED STONES INDICATE BAND STONES.



▲ SIDE ELEVATION OF BUTTRESS ▲



▲ ELEVATION OF NORTHWEST TURRET ▲

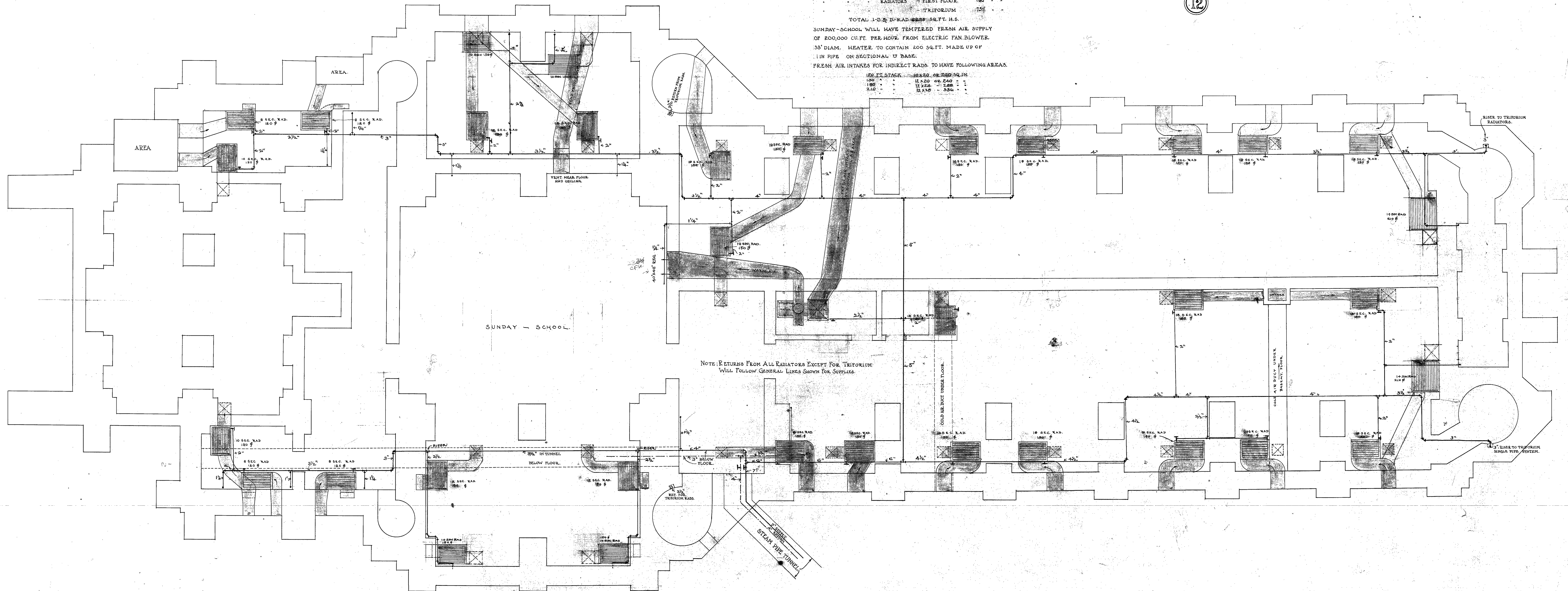
SCALE: 3/4" INCH = 1 FOOT.



12

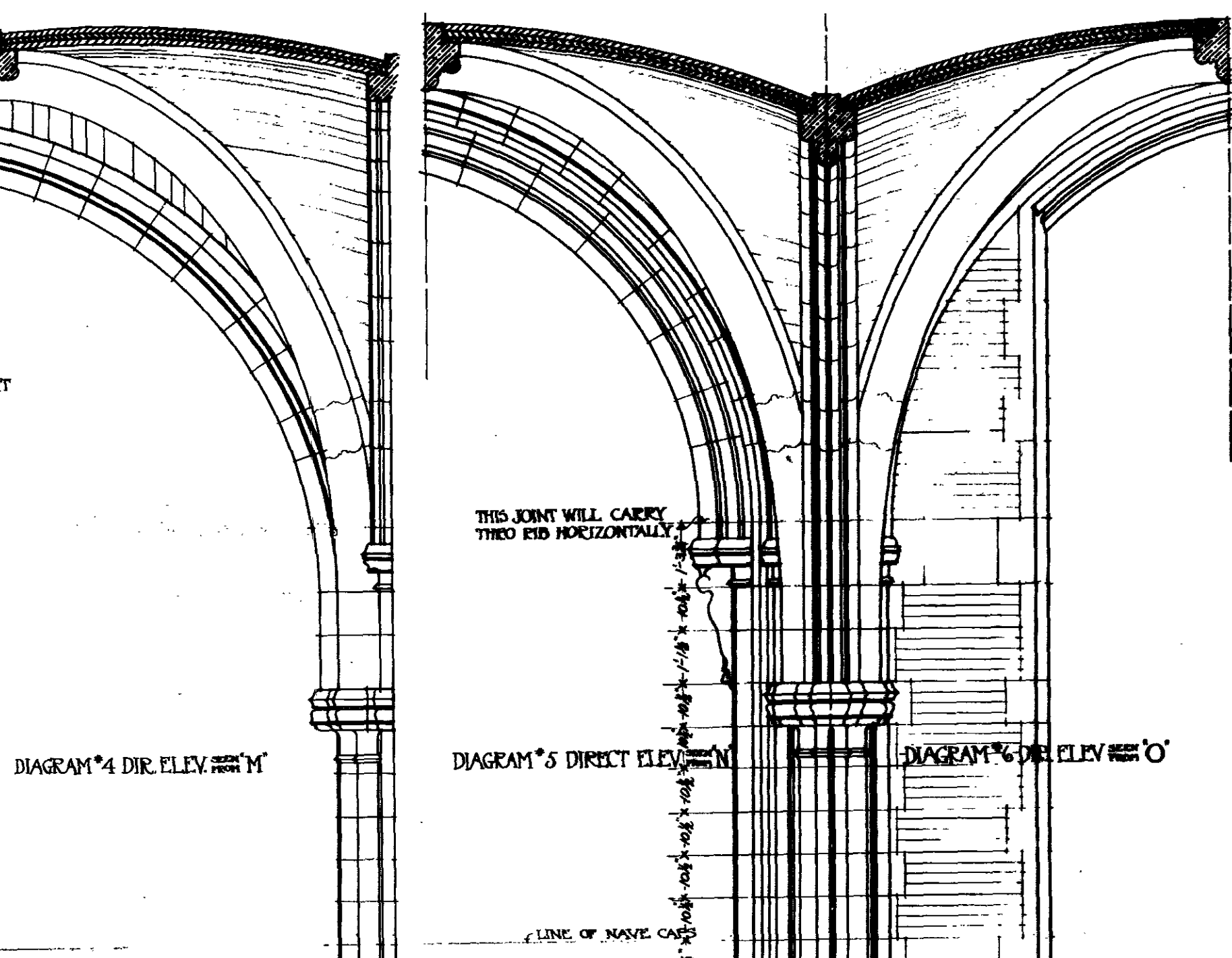
"	"	DIRECT WALL	"	"	486	"	"
"	"	"	RADIATORS	- FIRST FLOOR	160	"	"
"	"	"	"	- TRIBORIUM	754	"	"

180 FT. STACK	10x20	OR	200 SQ. IN.
1.50	"	"	12x20 OR 240 " "
1.80	"	"	12x24 " 288 " "
2.10	"	"	12x28 " 336 " "

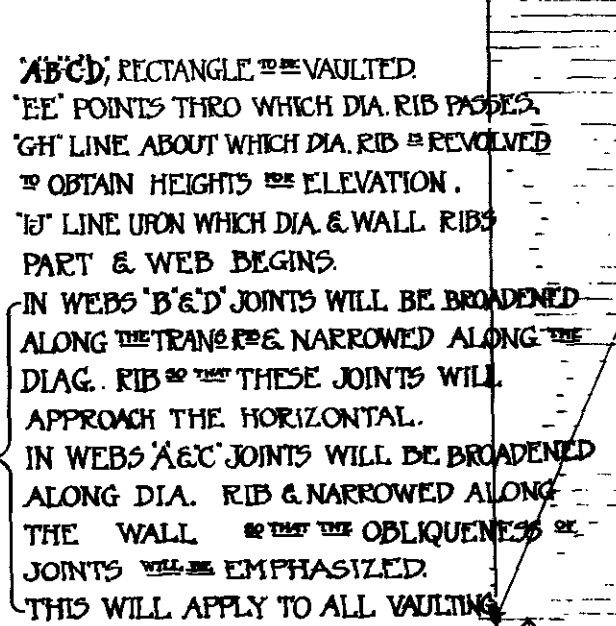
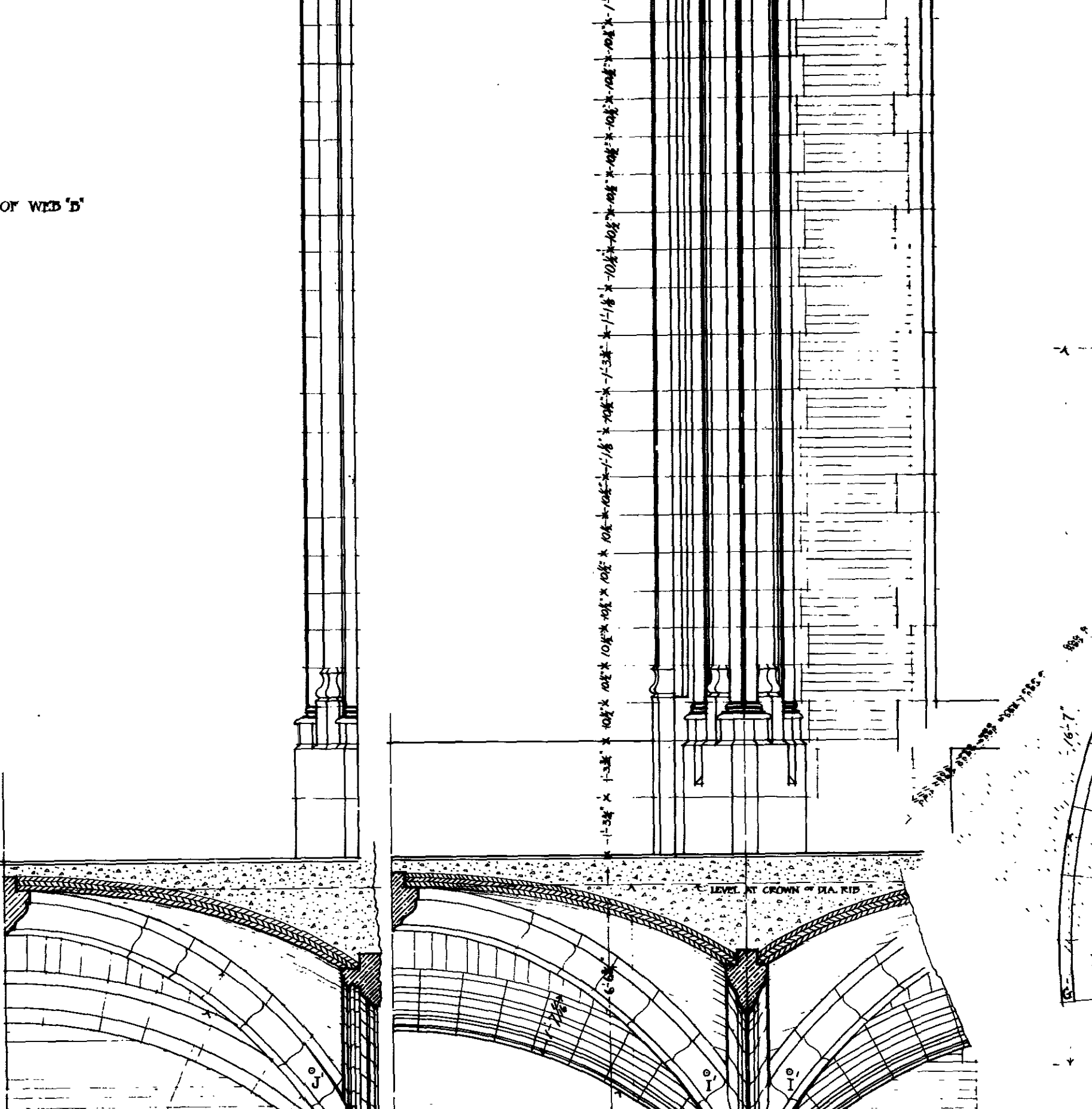
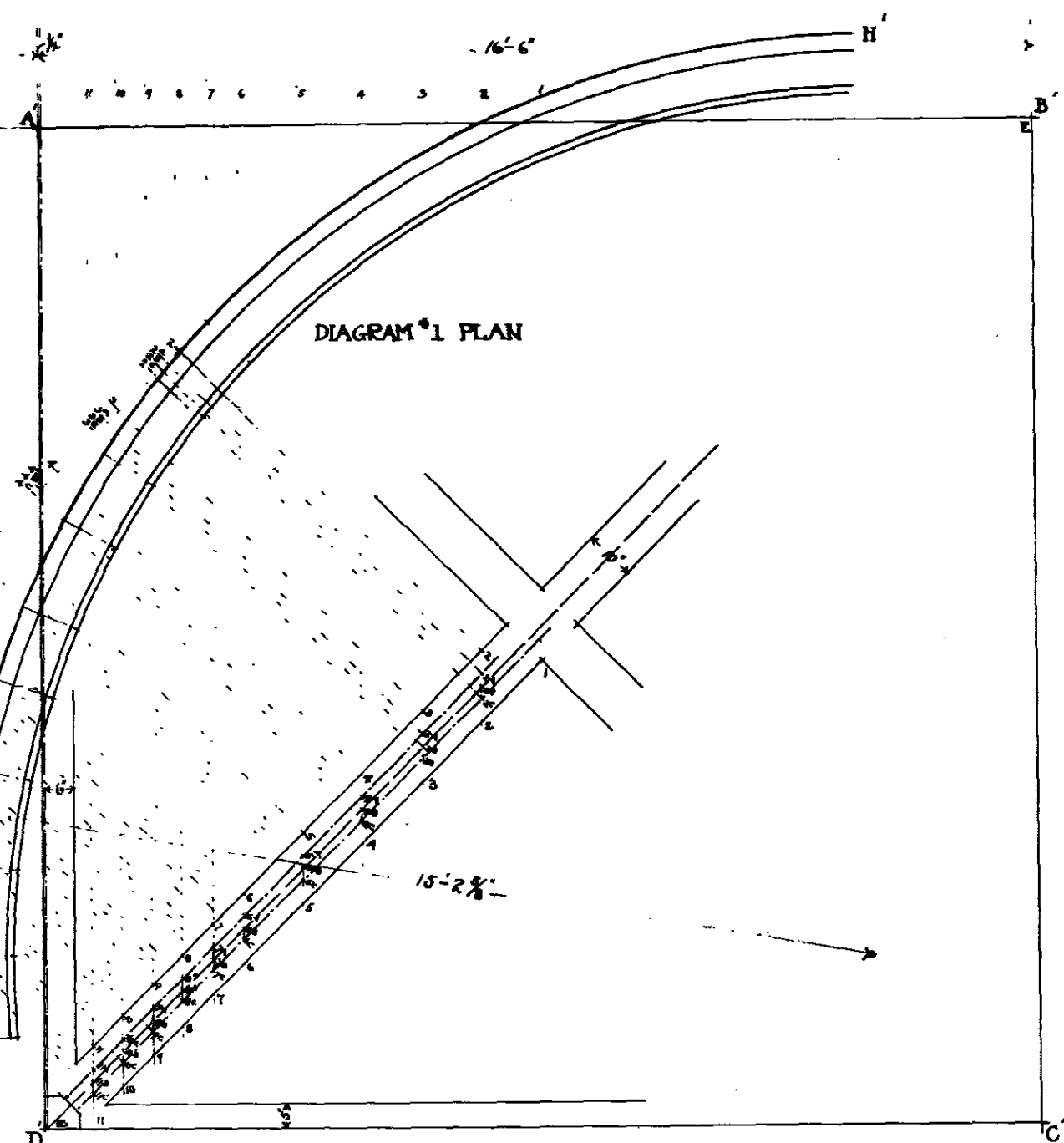


HEATING PLAN.  
SCALE  $\frac{1}{4}$ " = 1 FT.





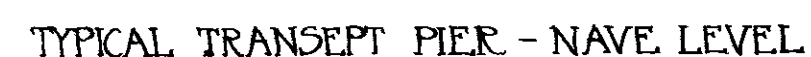
3/4 INCH SCALE  
DIAGRAM FOR  
VAULTING IN TRANSEPT



AS IN CHANCEL, THERE WILL BE NO WALL RIB  
& ACCOMPANYING SHORT SHAFT IN CROSSING

[illegible]

LONGITUDINAL SECTION  $\equiv$  TRANSEPT



ACED RECTANGLE TO BE VAULTED. E' POINTS THRO WHICH DIAGONAL PASSES.  
G'H DIAGONAL IS REVOLVED TO HORIZONTAL. GIVE HEIGHTS TO ELEVATION.  
I'J' POINTS FOUND ON DIAGRAM 1. WHICH WALL & TRANSVERSE RIBS  
MUST PASS AT THAT WHERE WEB STARTS & RIBS PART THE BACKS  
OF THE SUPPORTING FILLETS SHALL COINCIDE.

CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

VAULTING DIAGRAM ~~FOR~~ TRANSEPT



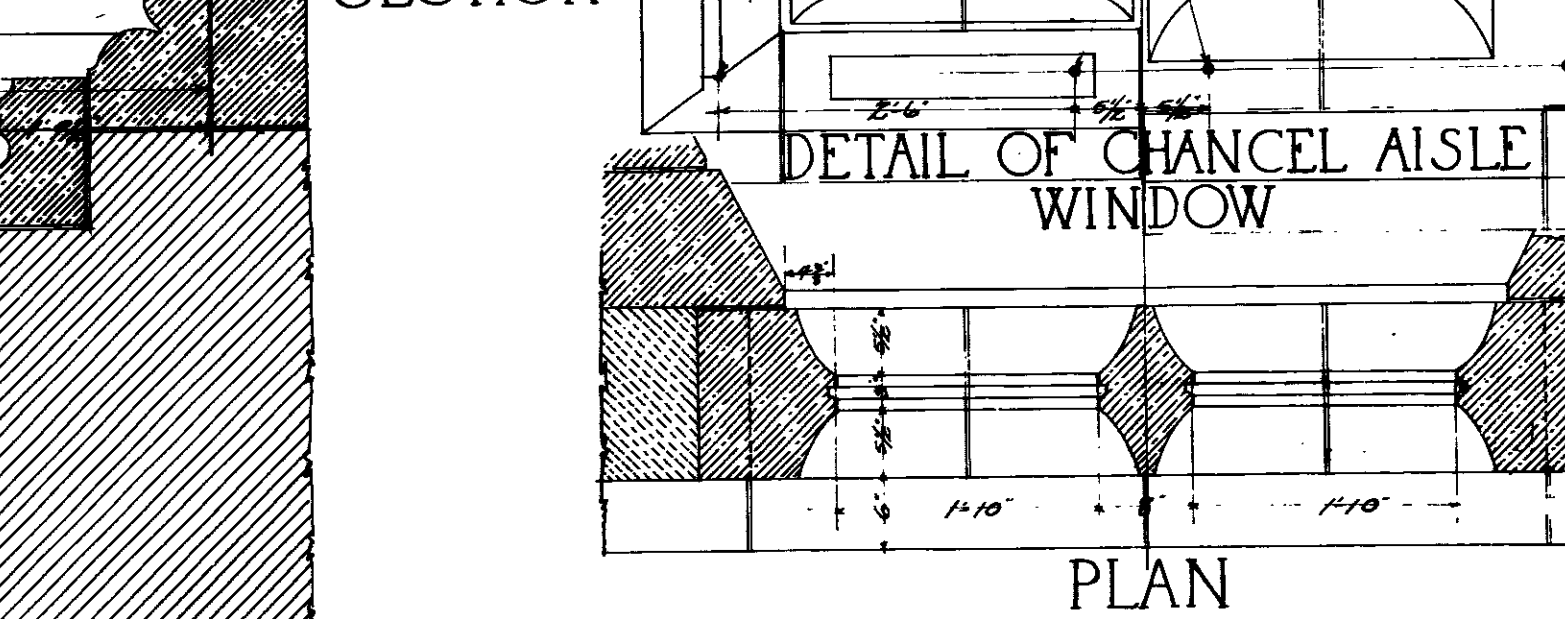
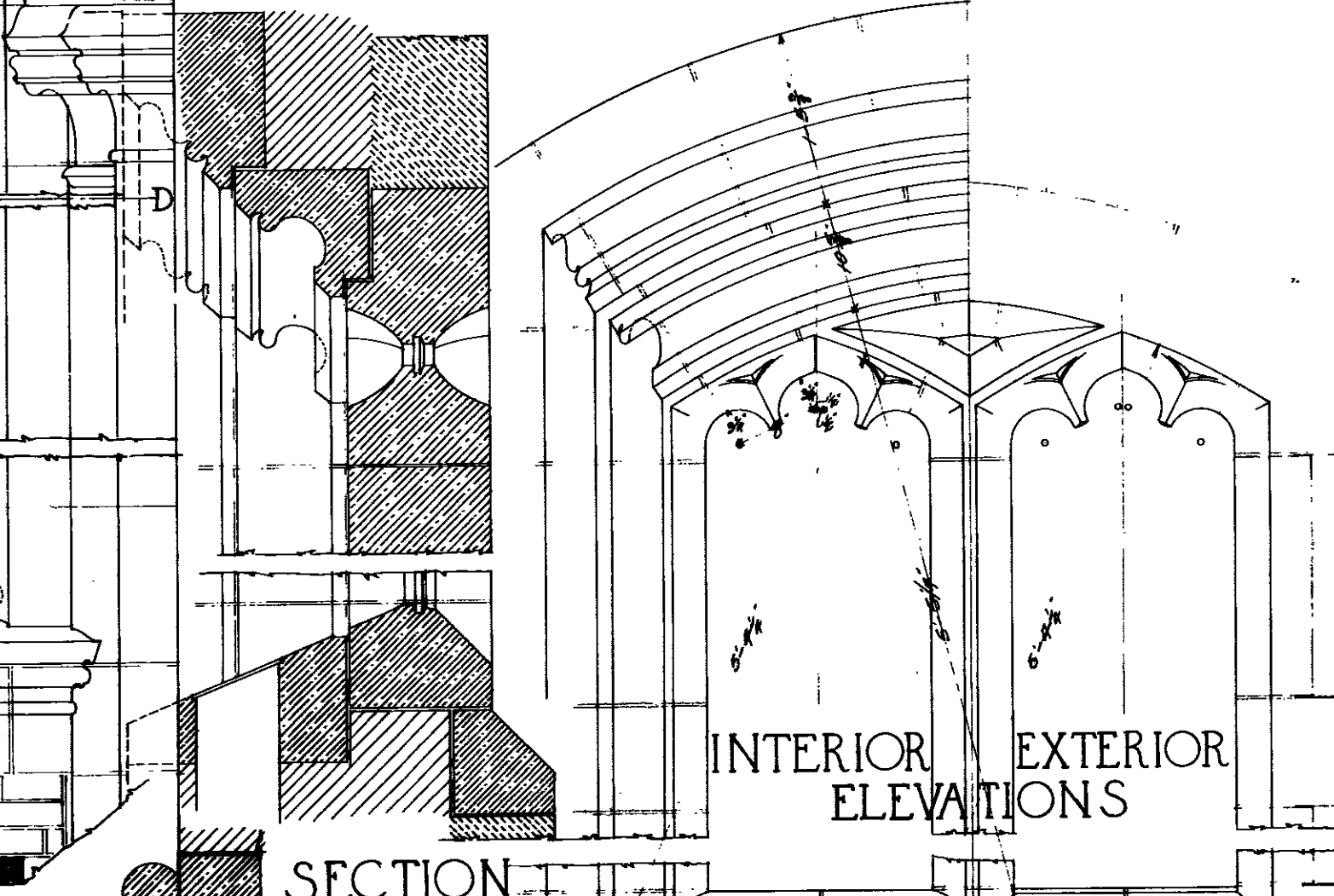
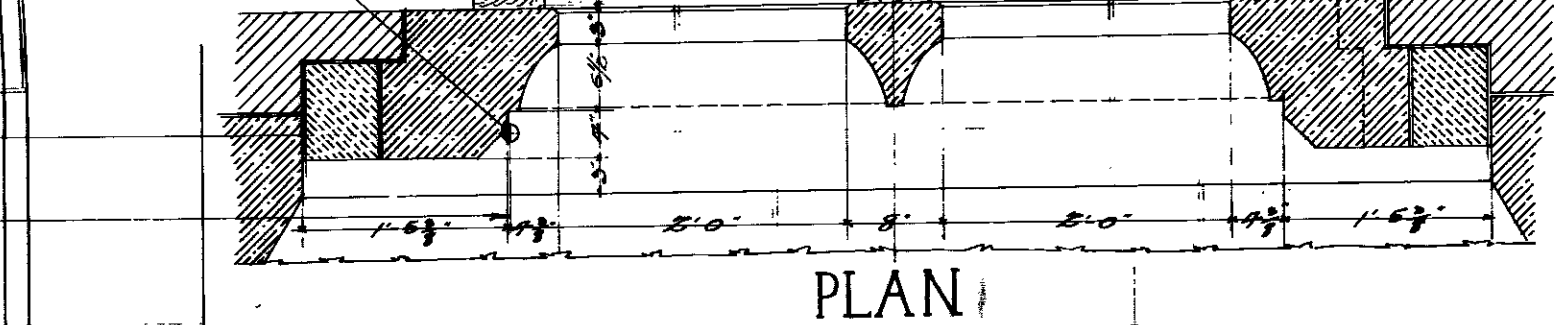
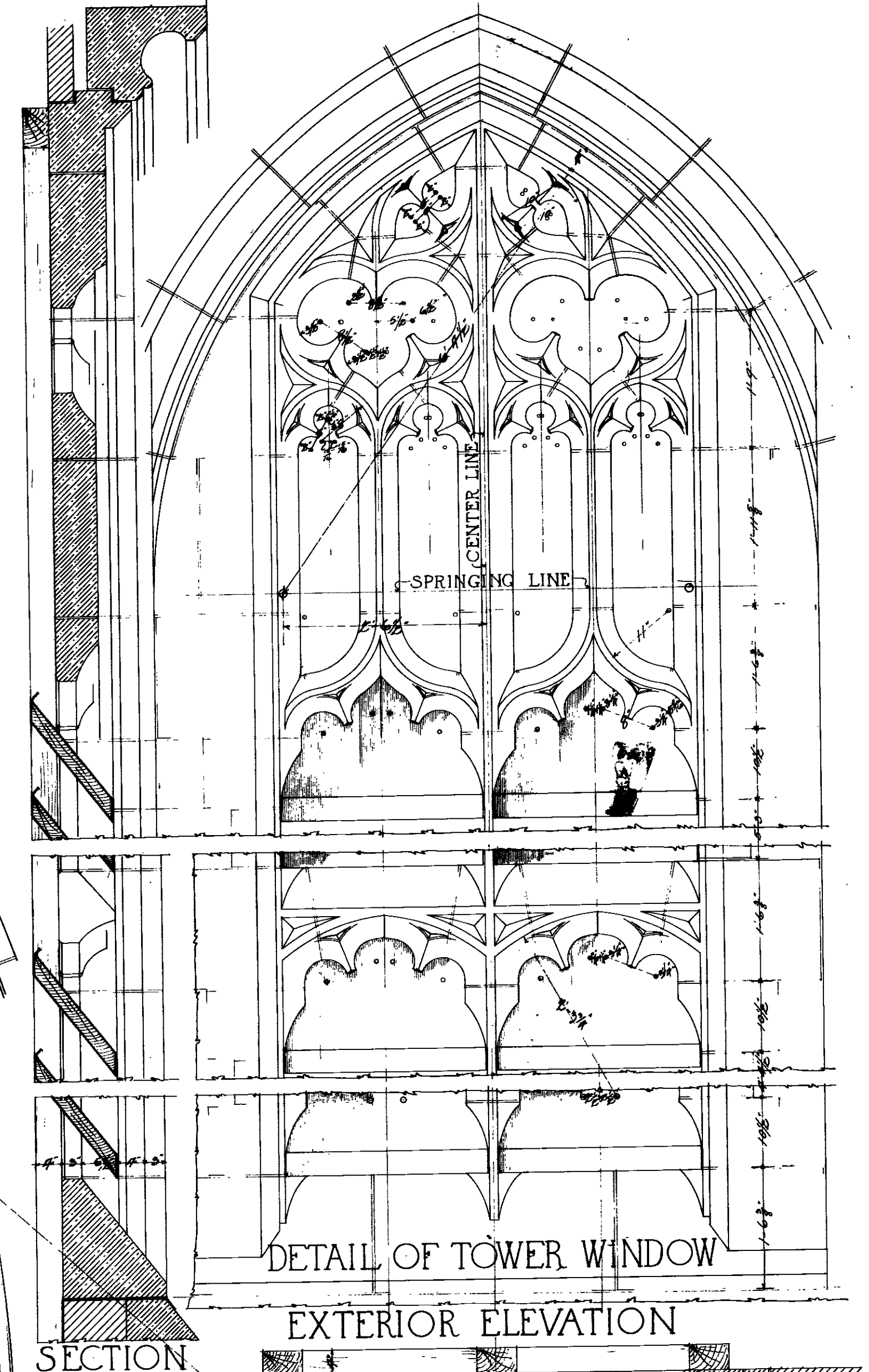
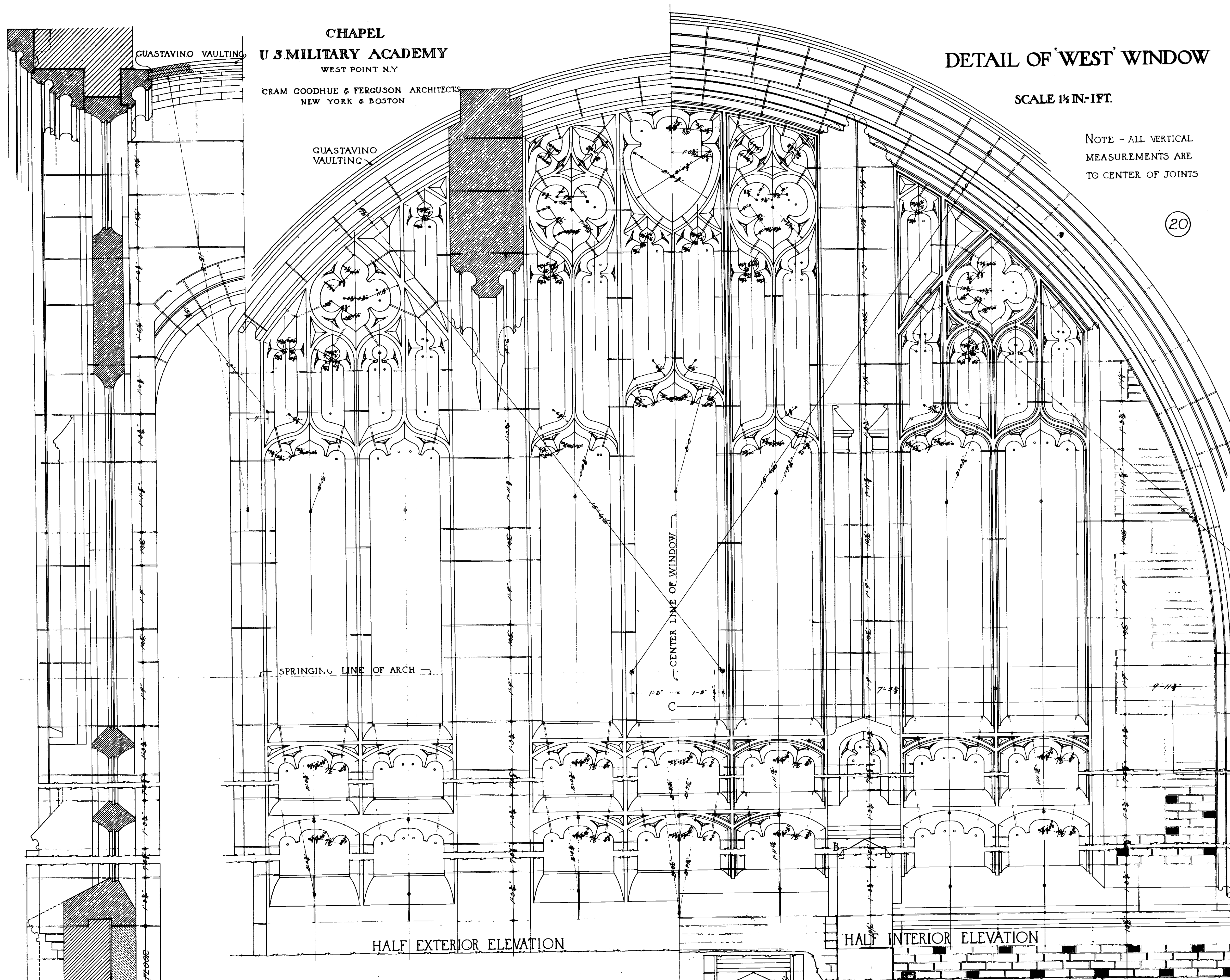
CHAPEL  
U S MILITARY ACADEMY  
WEST POINT N.Y.  
CRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

DETAIL OF WEST WINDOW

SCALE 1 1/2 IN. = 1 FT.

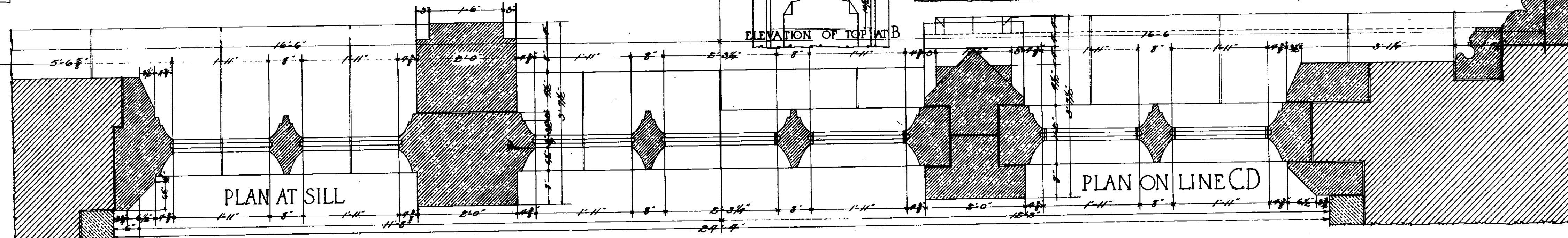
NOTE - ALL VERTICAL  
MEASUREMENTS ARE  
TO CENTER OF JOINTS

20

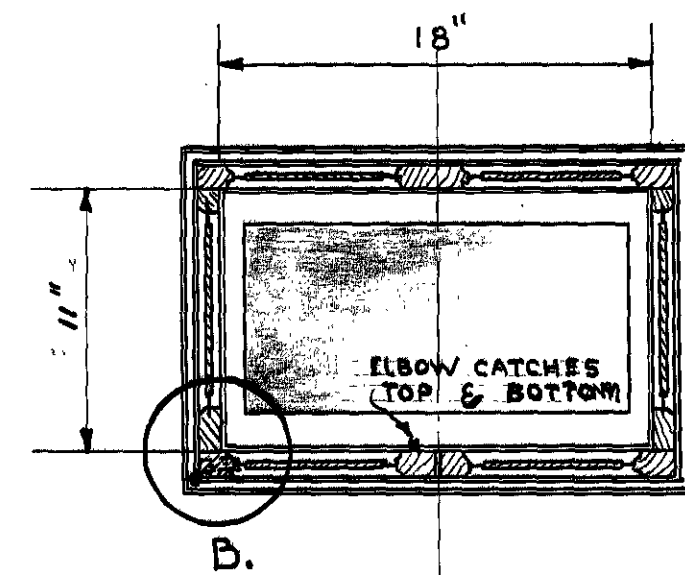


SECTION ON  
CENTER LINE

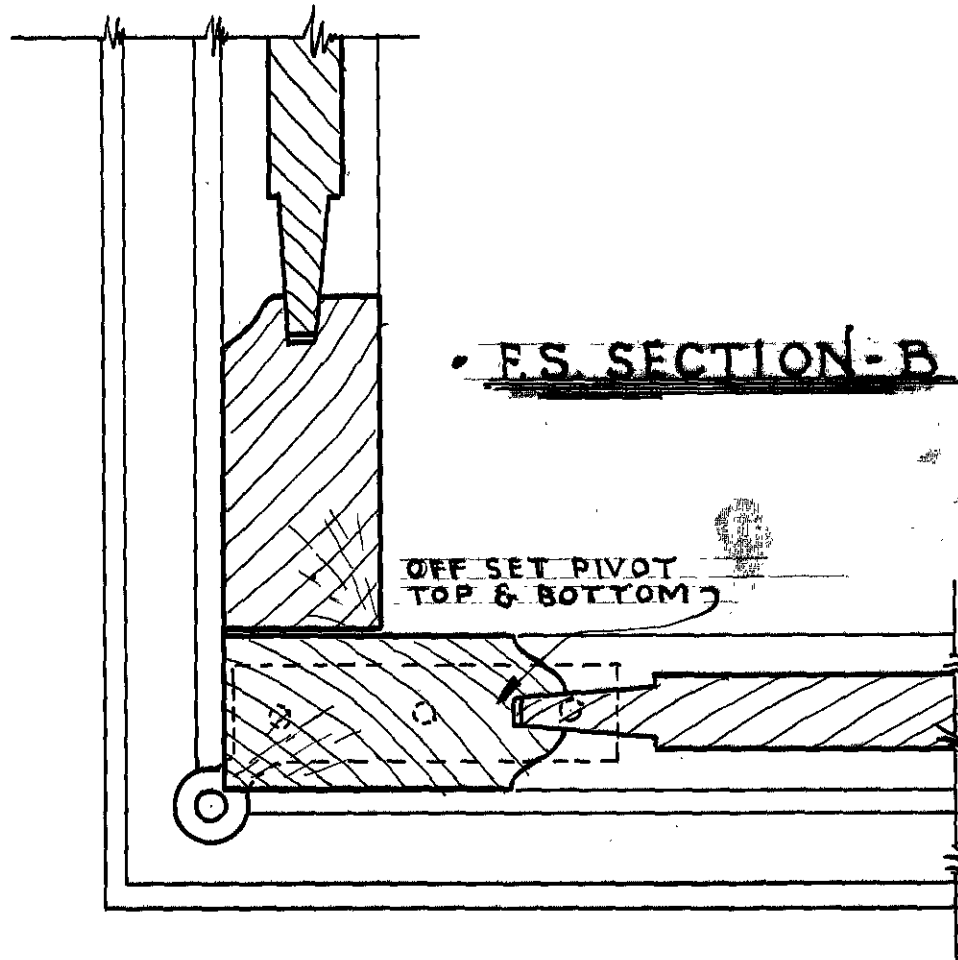
MATERIALS  
BRICK  
ASHLAR  
LIMESTONE



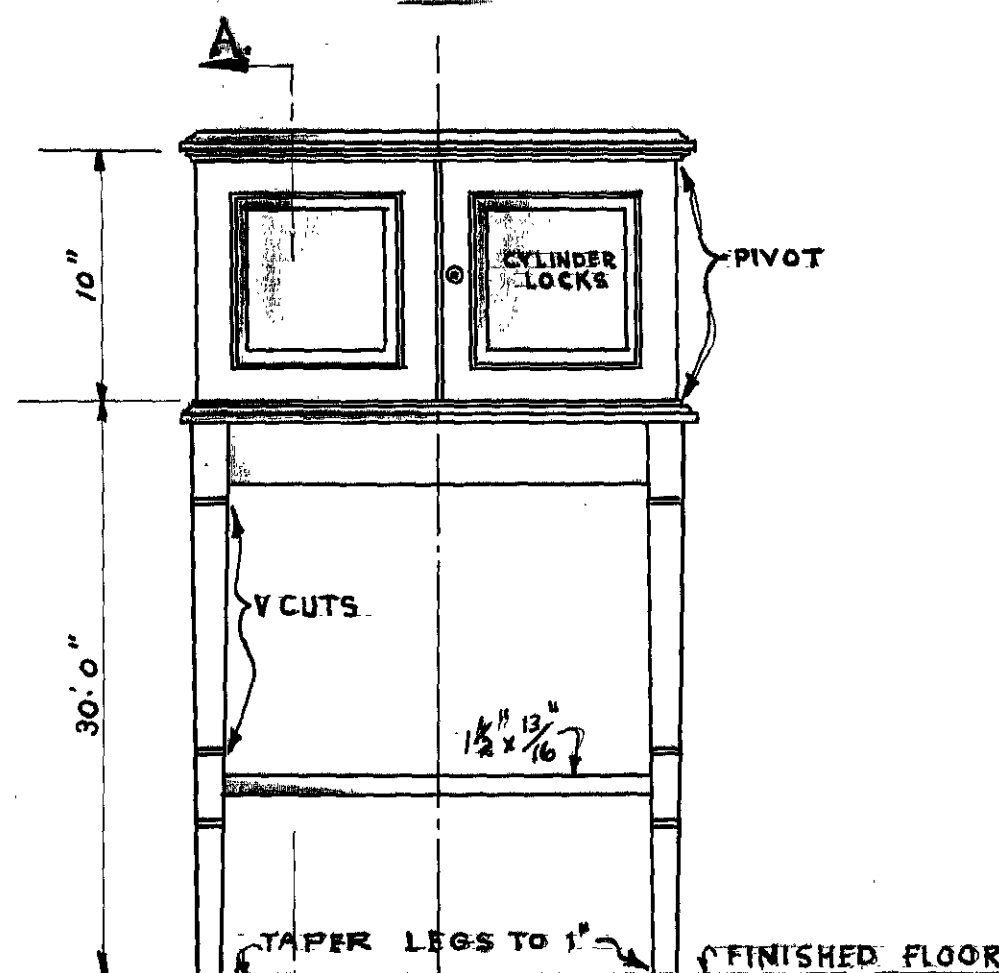




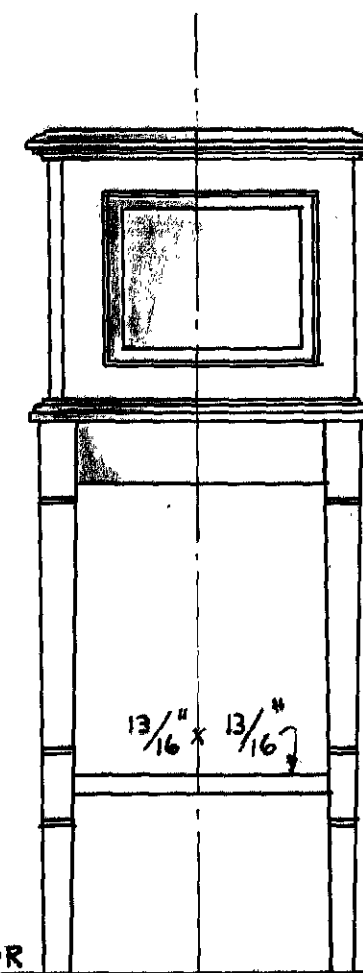
• PLAN •



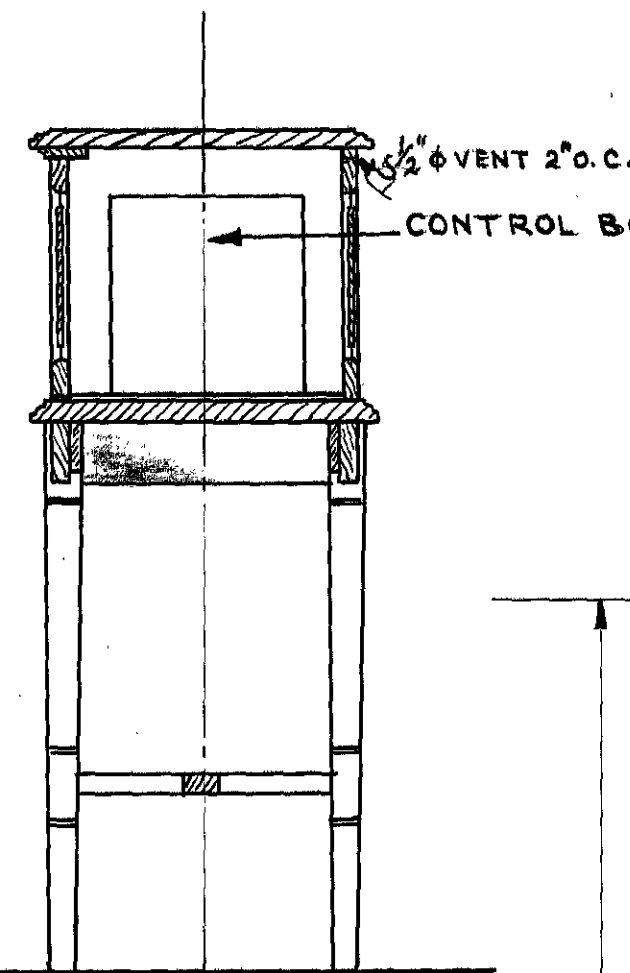
• E.S. SECTION-B •



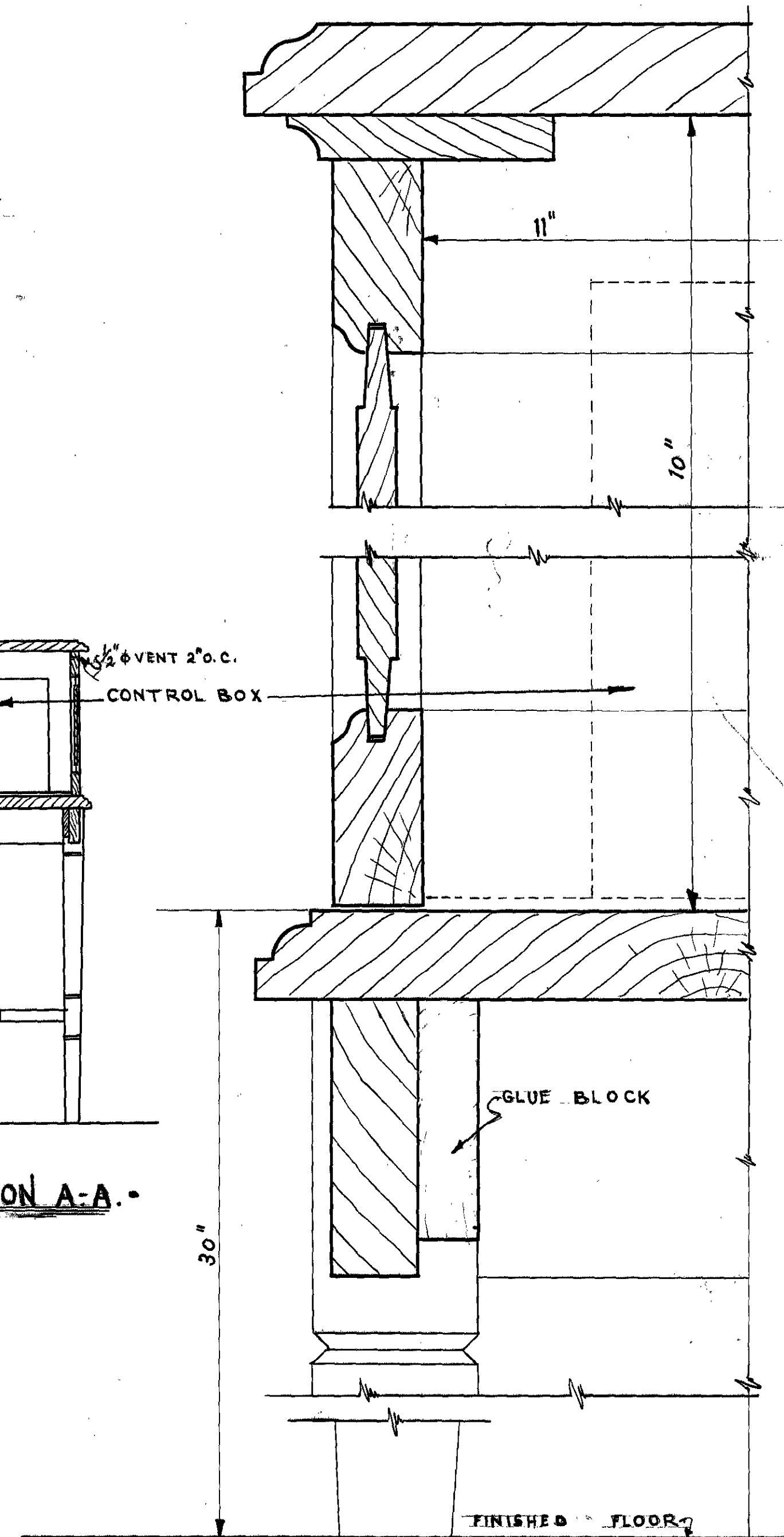
• FRONT ELEVATION •



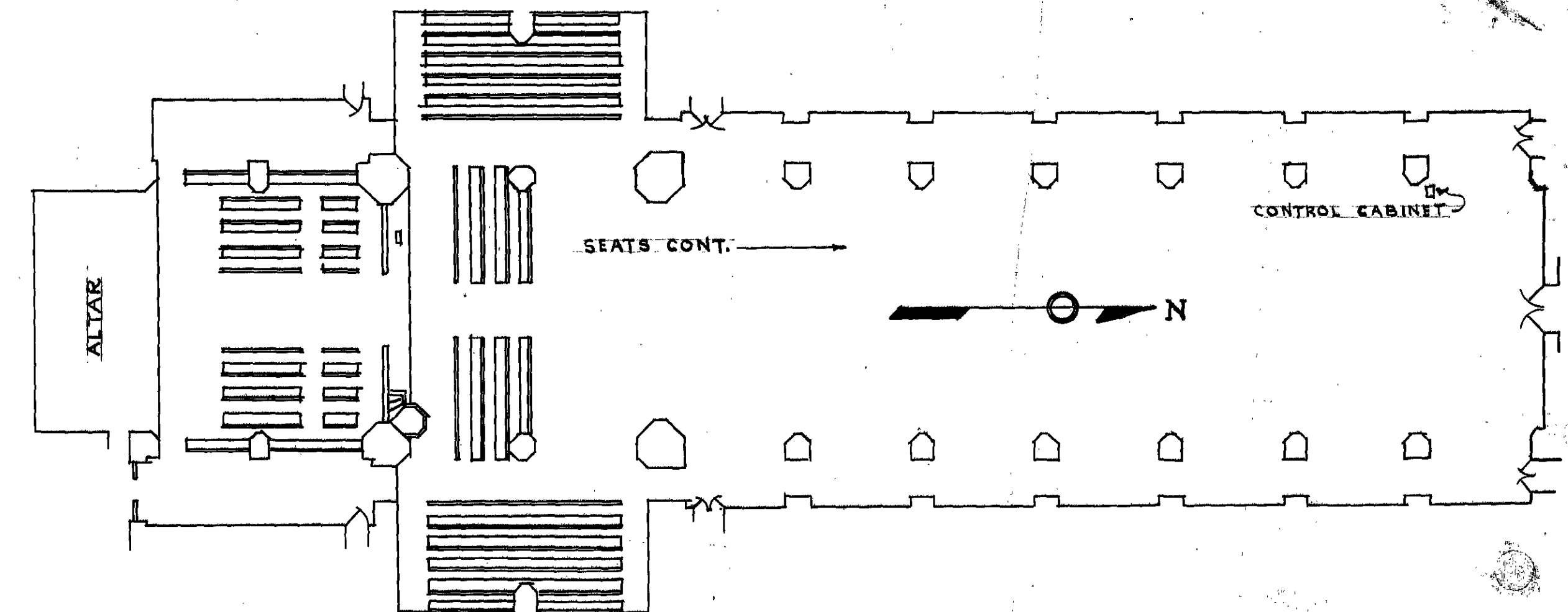
• END ELEVATION •  
SCALE - 1 1/2" = 1'-00"



• SECTION A-A •



• E.S. SECTION-A-A •



• LOCATION PLAN FOR CONTROL CABINET •  
SCALE 1/8" = 1'-0"

• MATERIAL TO BE OAK AND TO MATCH EXISTING •

UTILITIES DIVISION OFFICE OF THE QUARTERMASTER UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.					
CONTROL CABINET FOR CADET CHAPEL					
PREPARED UNDER THE DIRECTION OF LT. COL. F. F. SCHMIDT, QUARTERMASTER					
SCALE	DRAWN	CHECKED	REVIEWED	DATE	
AS NOTED	J.P.	S.W.T.		28.8.36	OCT. 28, 36





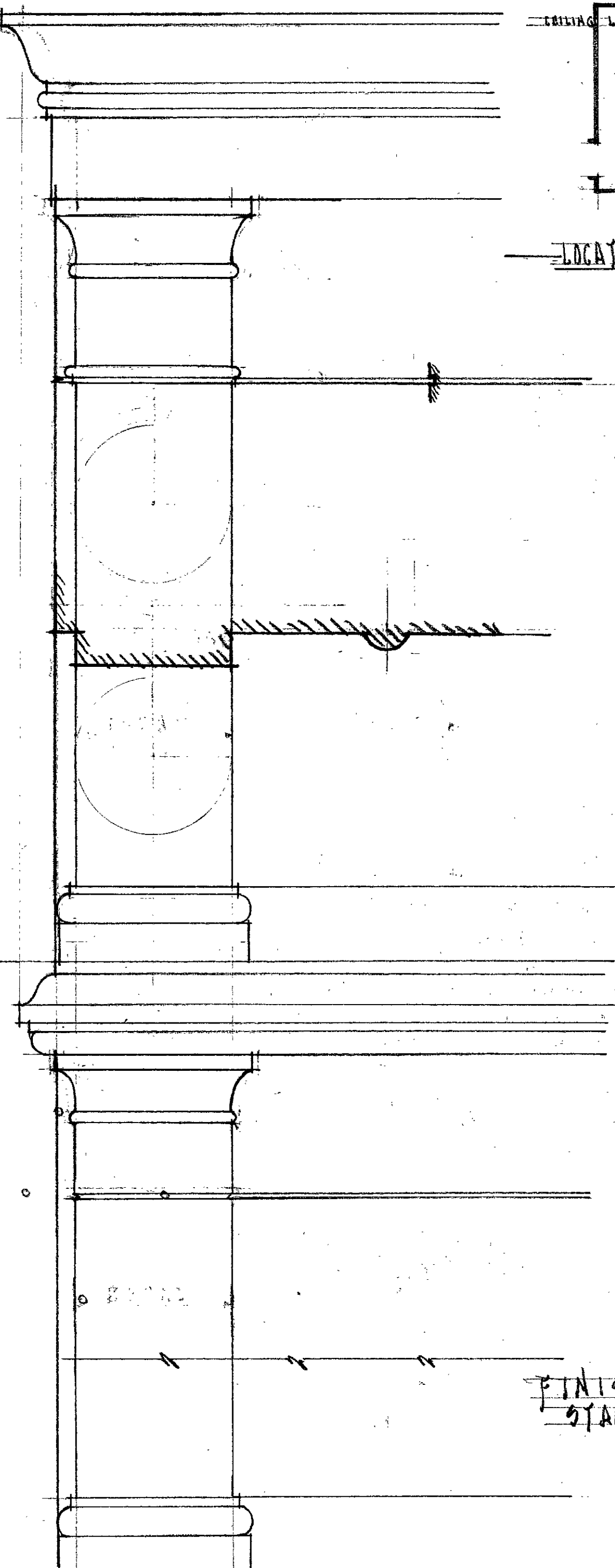


5'-10" TO FIN. FLOOR

4'-0"

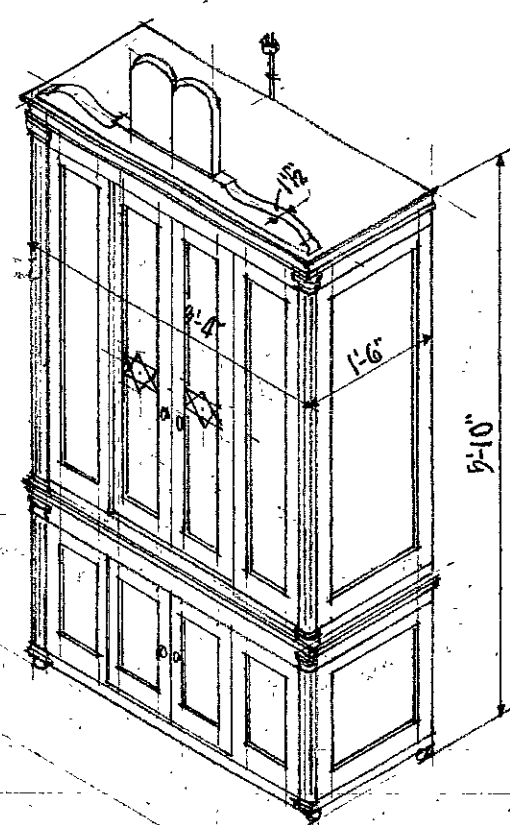
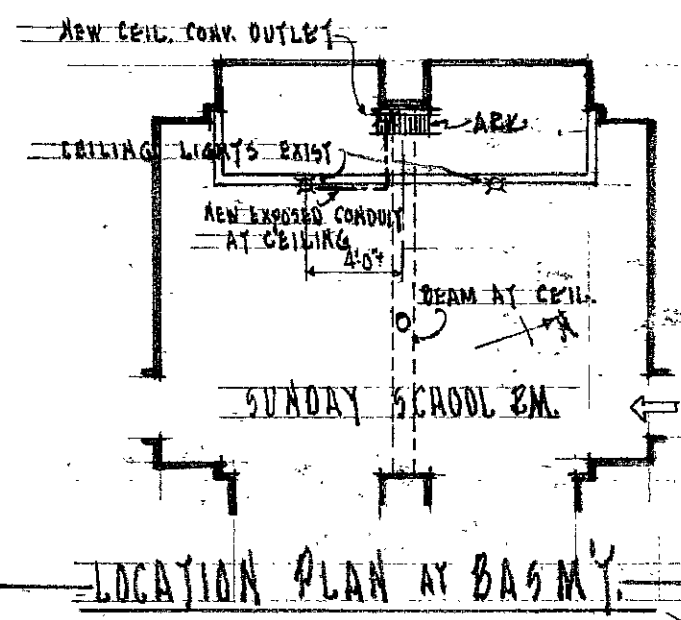
1'-9"

1"

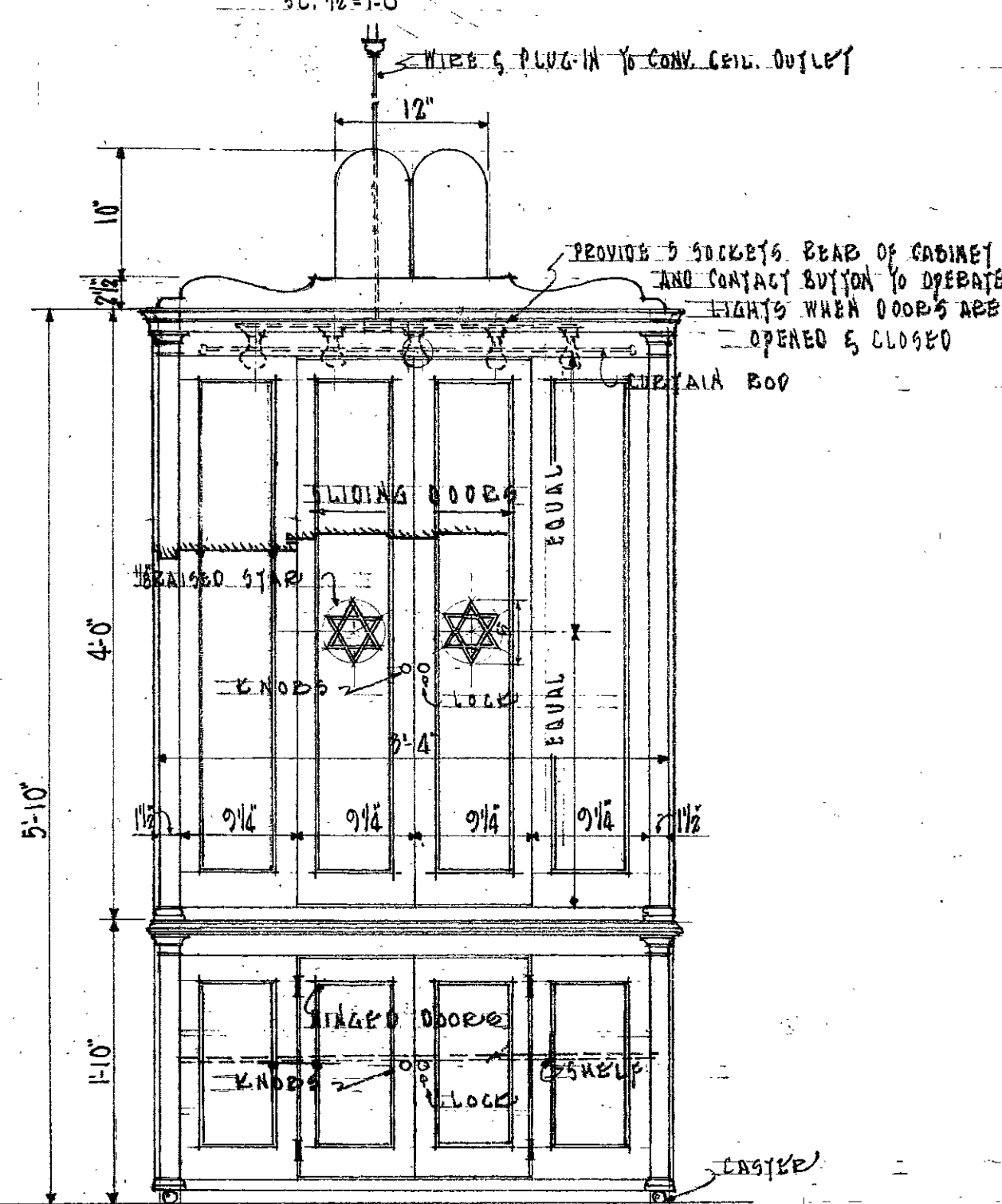


FINISH -  
STAINED MAHOGANY

SIDE ELEVATION



ISOMETRIC  
SC. 1/2" = 1'-0"



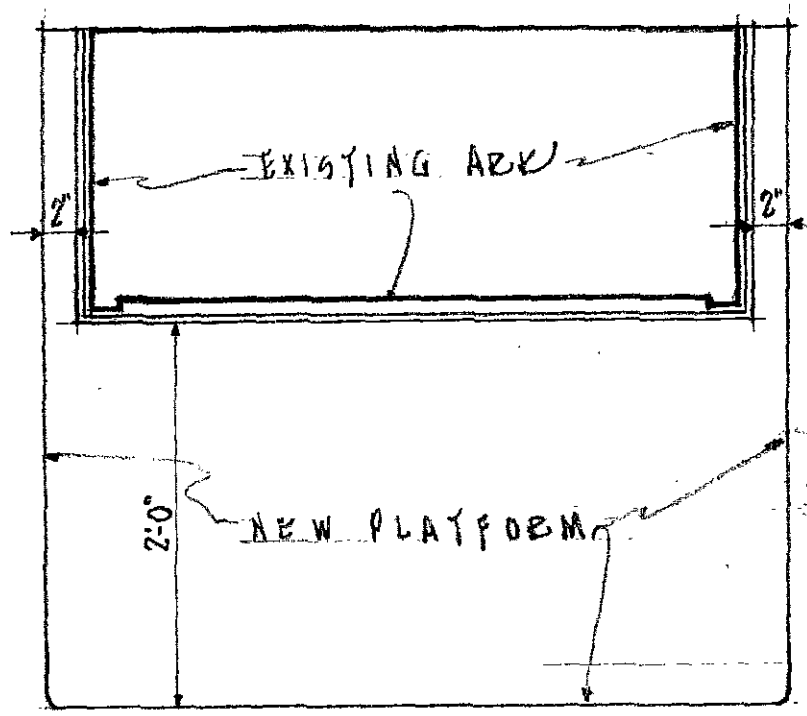
FRONT ELEVATION

SC. 1" = 1'-0"

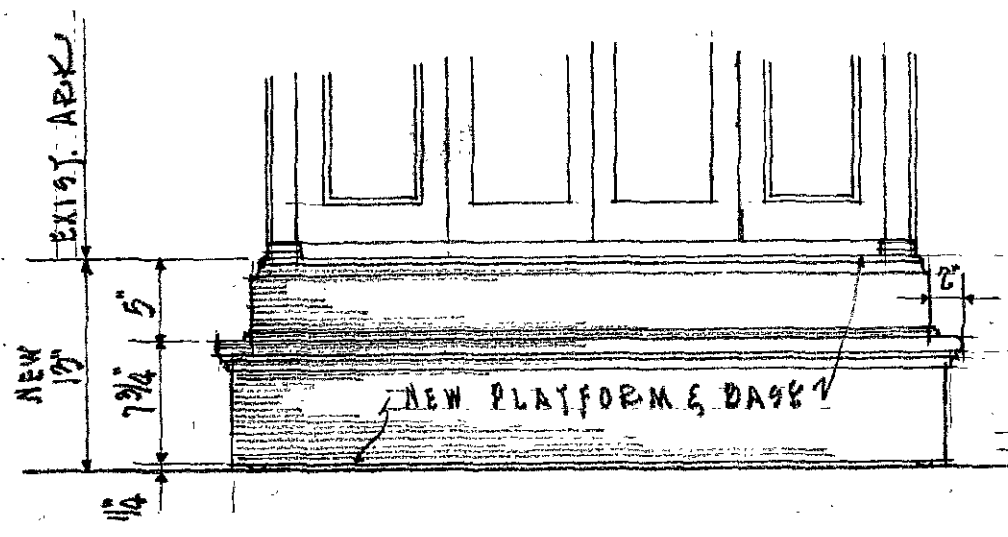
REV. 10-20-39. 11-13-39. LIGHTS 11-18-39. SHELF

UTILITIES DIVISION OFFICE OF THE QUARTERMASTER UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.					
ARK of THE COVENANT for CADET CHAPEL					
PREPARED UNDER THE DIRECTION OF LT. COL. F. F. SCOWDEN, QMC, QUARTERMASTER					
SCALE	DRAWN	TRACED	CHECKED	PLAN NO.	DATE
AS NOTED	L.E.M.			3028	10-12-39.

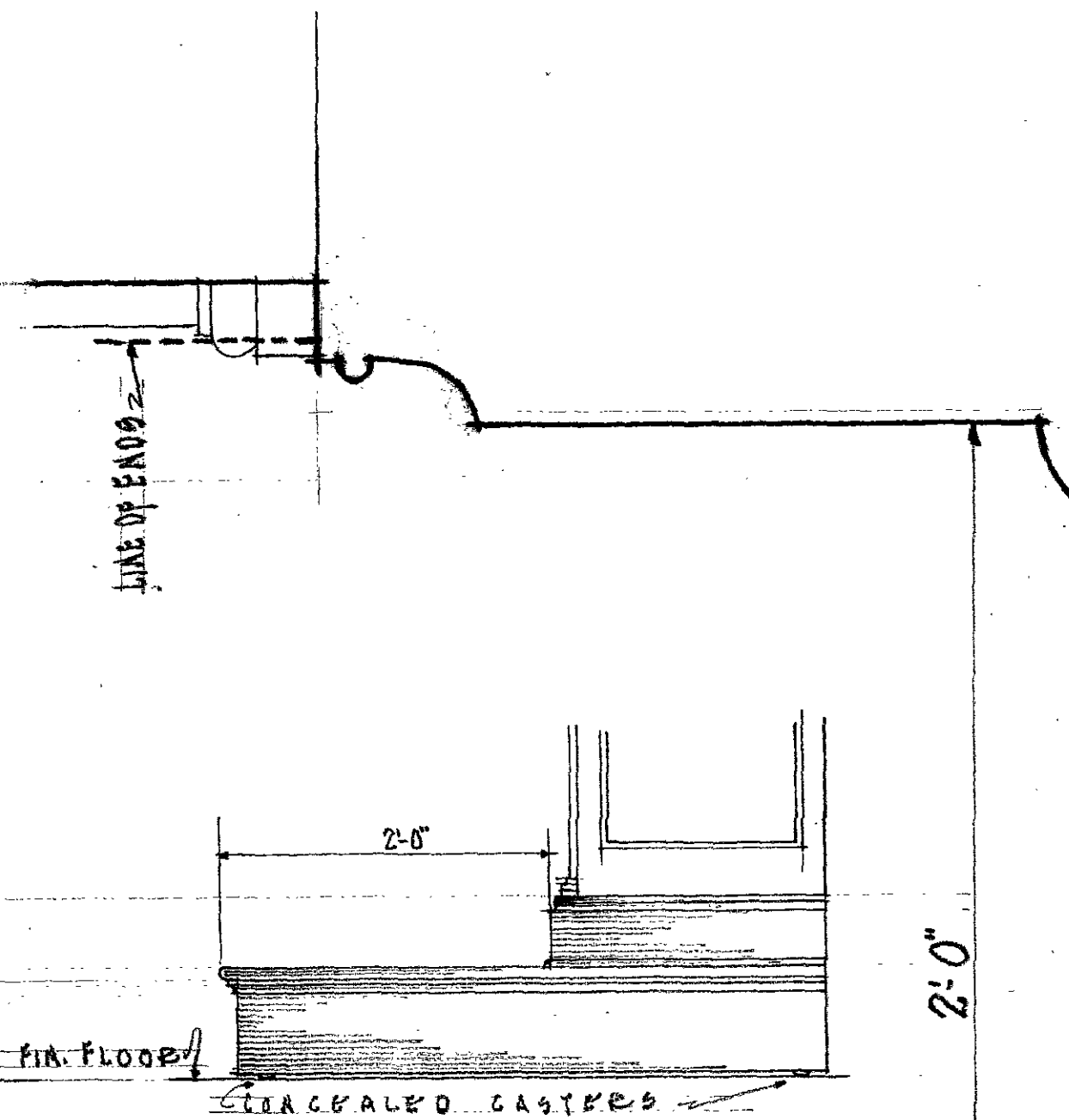




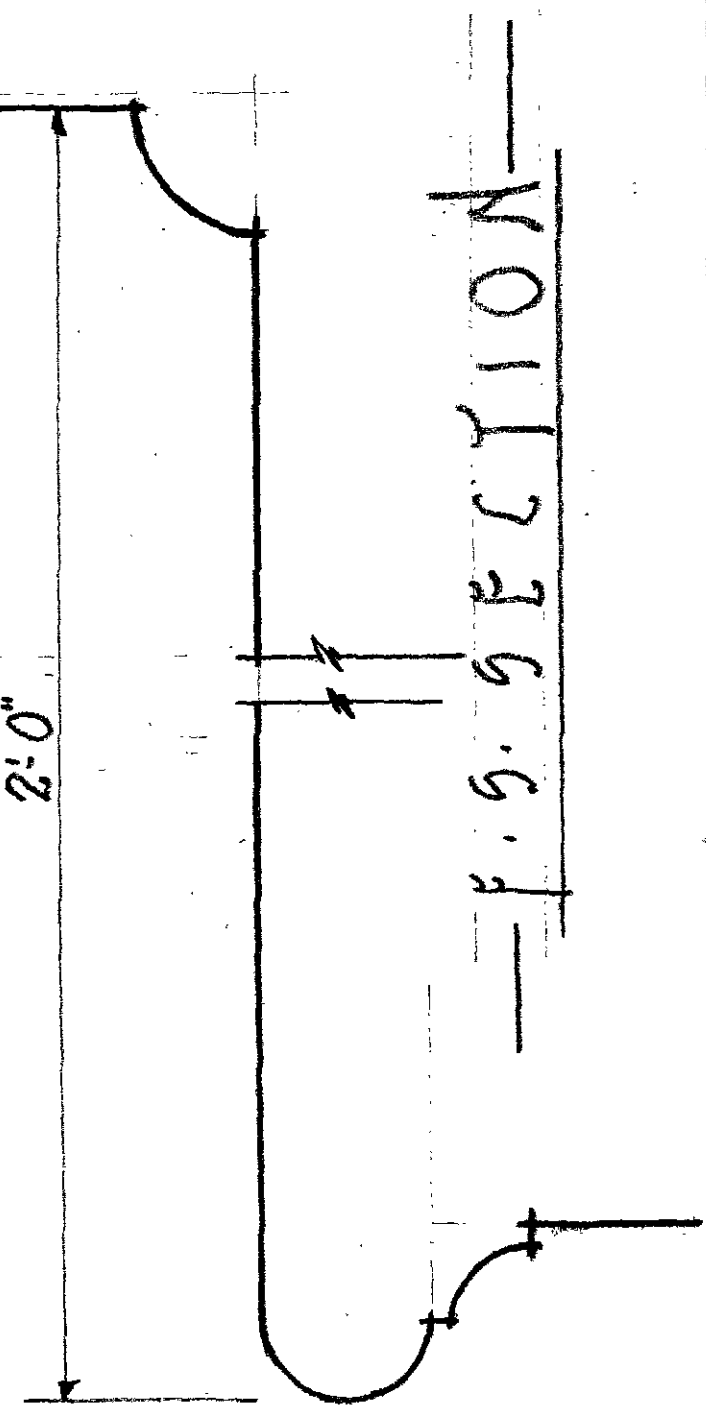
— PLAN —



— FRONT —



— SIDE —

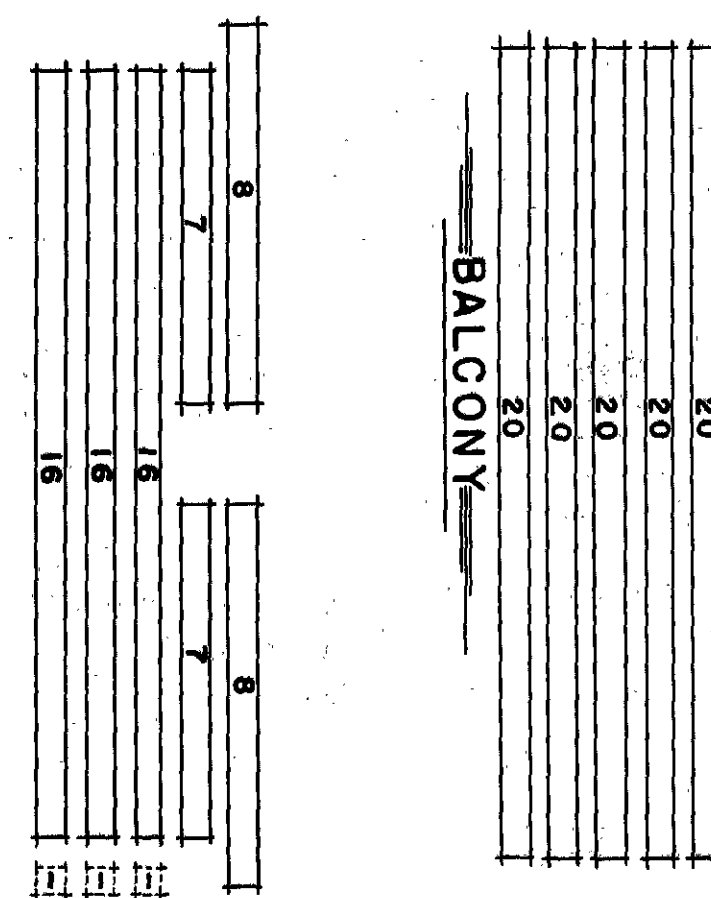
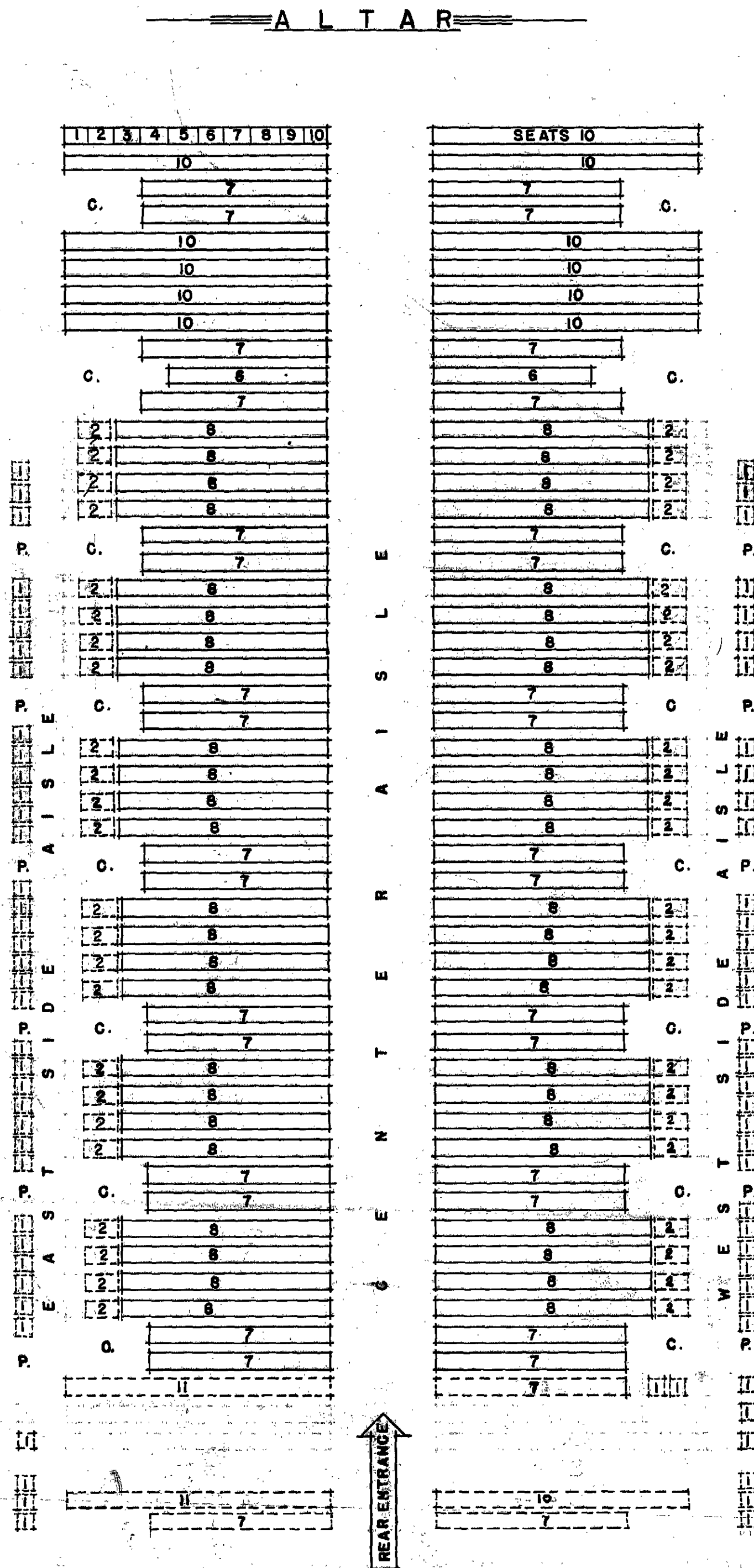
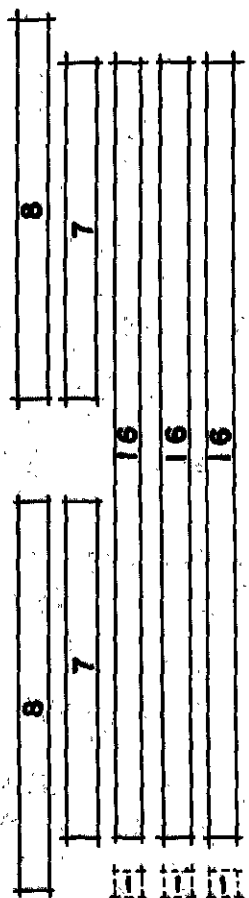
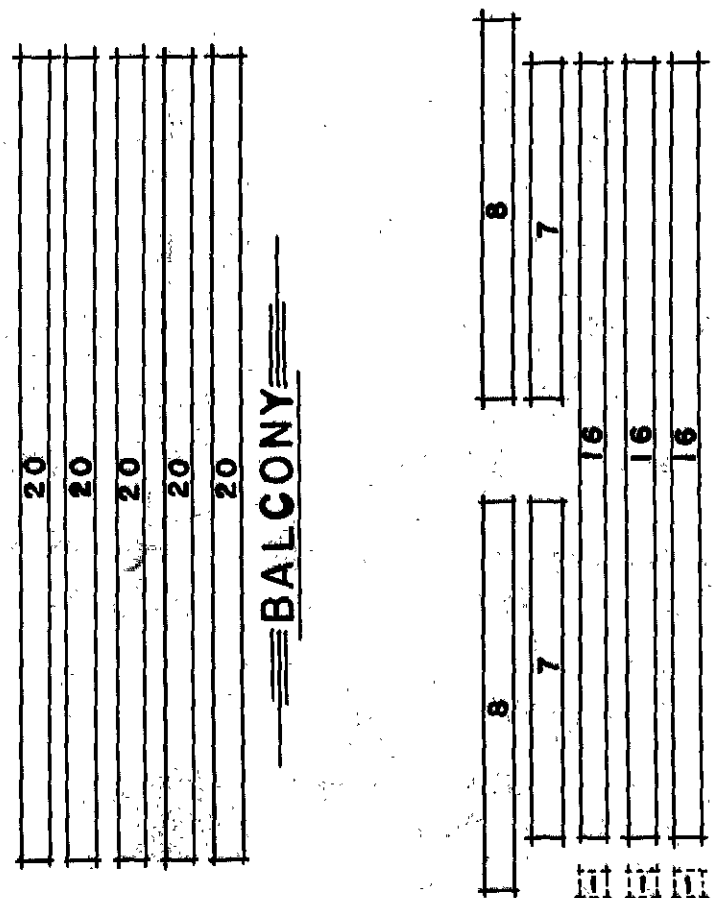


— NO. 1736.6.1 —

FOR DRAWING OF ARK SEE PLAN 3028.

UTILITIES DIVISION OFFICE OF THE QUARTERMASTER UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.					
ADDITIONAL PLATFORM FOR ARK OF THE COVENANT AT CADET CHAPEL					
PREPARED UNDER THE DIRECTION OF COL. F. F. SCOWEEN, CMC, QUARTERMASTER					
SCALE	DRAWN	TRACED	CHECKED	PLAN NO.	DATE
1" = 1'-0"	L.E.M.			3040	11-27-39





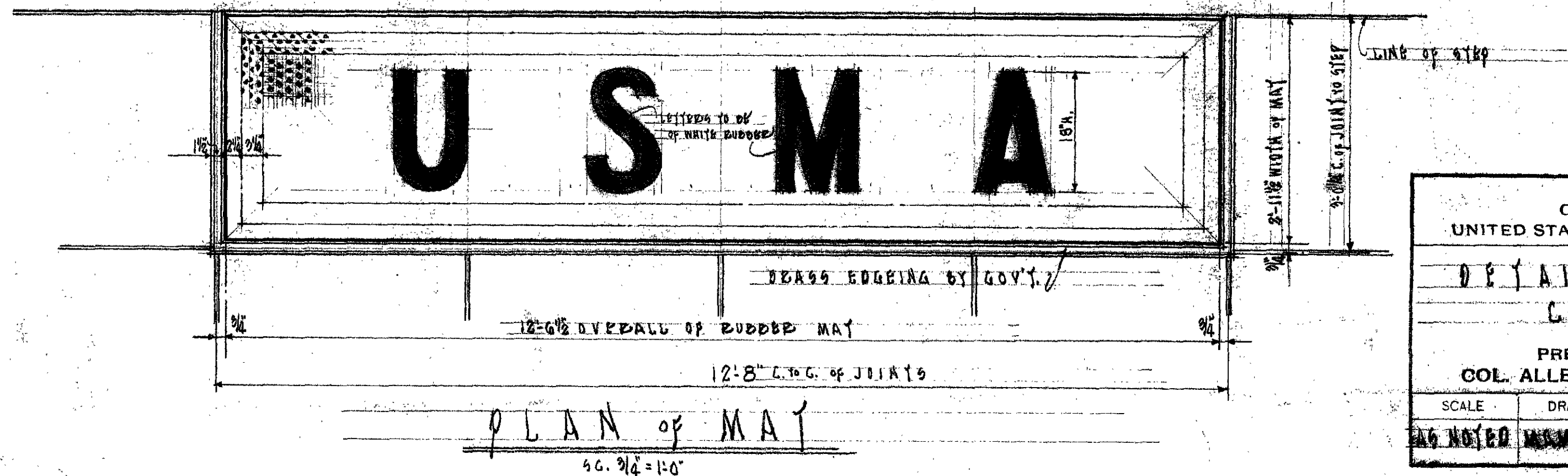
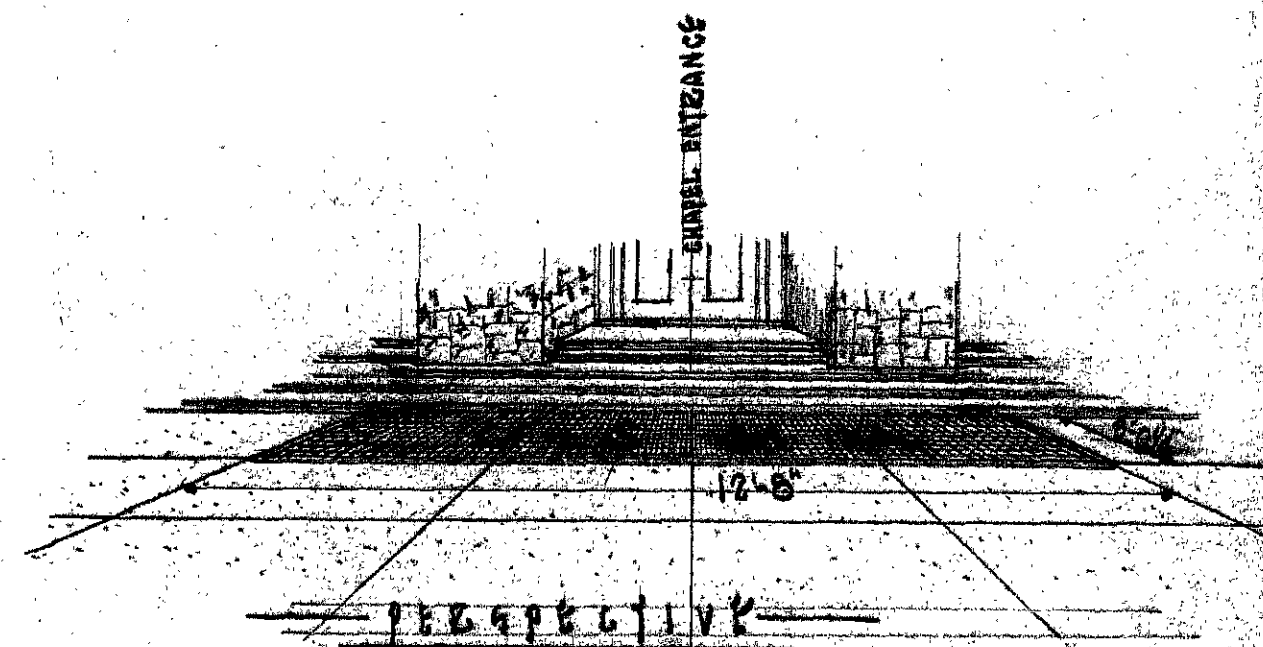
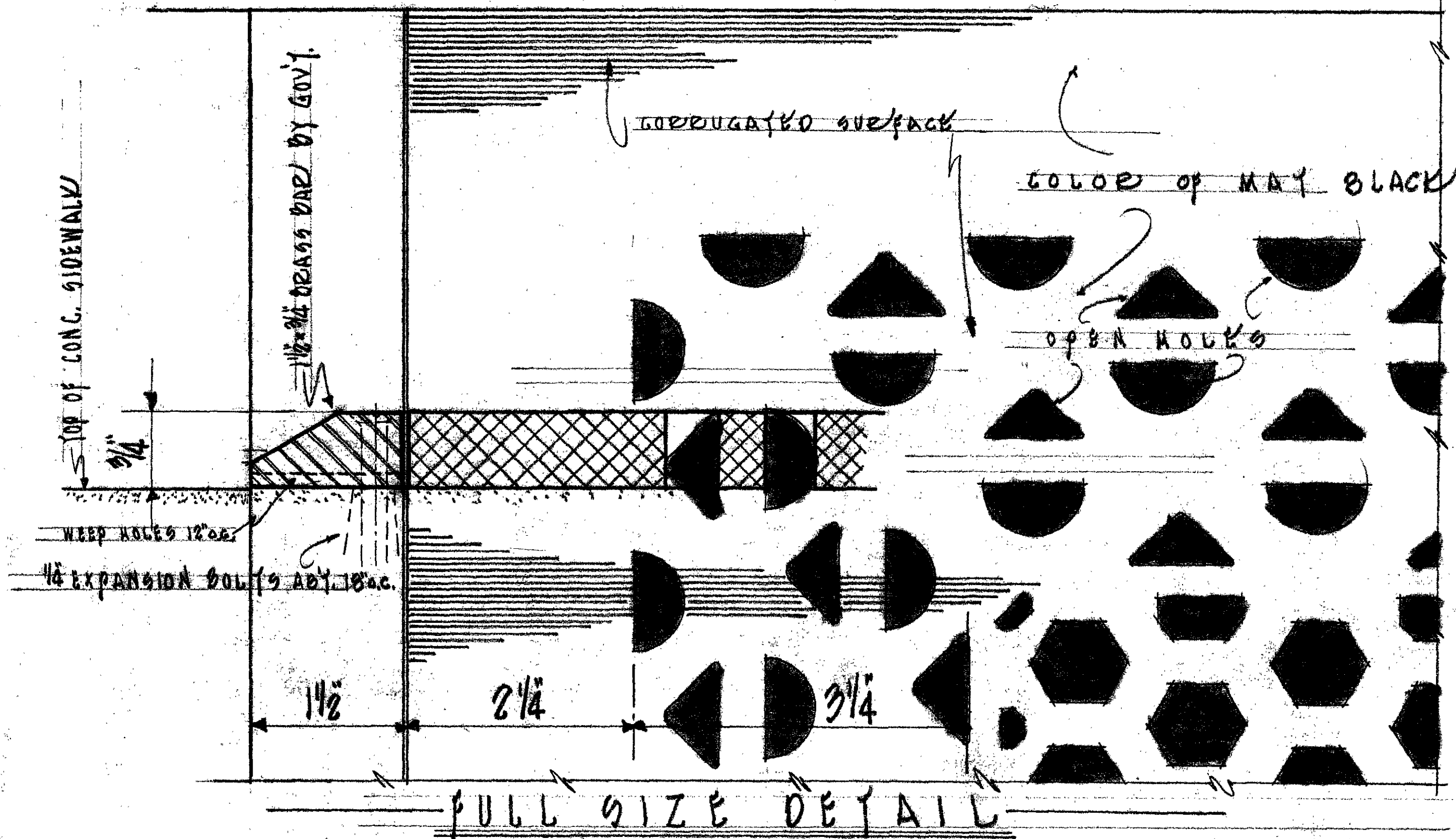
SEATING			
	FIXED BENCHES	MOVEABLE CHAIRS	TOTALS
1st FLOOR	896	232	1215
BALCONY	200	NONE	200

GRAND TOTAL-1415

**LEGEND**  
 G. = COLUMN      P. = PIER  
 [Solid Line] FIXED BENCHES  
 [Dashed Line] MOVEABLE CHAIRS

UTILITIES DIVISION OFFICE OF THE QUARTERMASTER UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.				
PLAN OF SEATING ARRANGEMENT CADET CHAPEL				
PREPARED UNDER THE DIRECTION OF COL. ALLEN R. KIMBALL, QMC, QUARTERMASTER				
SCALE	DRAWN	TRACED	CHECKED	PLAN NO.
1/8" = 1'-0"	L.E.M.	H.W.H.		3107
				DATE
				6-1-40





UTILITIES DIVISION OFFICE OF THE QUARTERMASTER UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.					
DETAIL of RUBBER MAT FOR CADET CHAPEL					
PREPARED UNDER THE DIRECTION OF COL. ALLEN R. KIMBALL, QMC. QUARTERMASTER					
SCALE	DRAWN	TRACED	CHECKED	PLAN NO.	DATE
AS NOTED	UNCHANGED			3148.	10-3-40.



# UNITED STATES MILITARY ACADEMY-WEST POINT-N.Y.

## CADET CHAPEL CLASS WINDOWS

PREPARED UNDER THE DIRECTION OF  
COL. ALLEN R. KIMBALL, Q.M.C. QUARTERMASTER

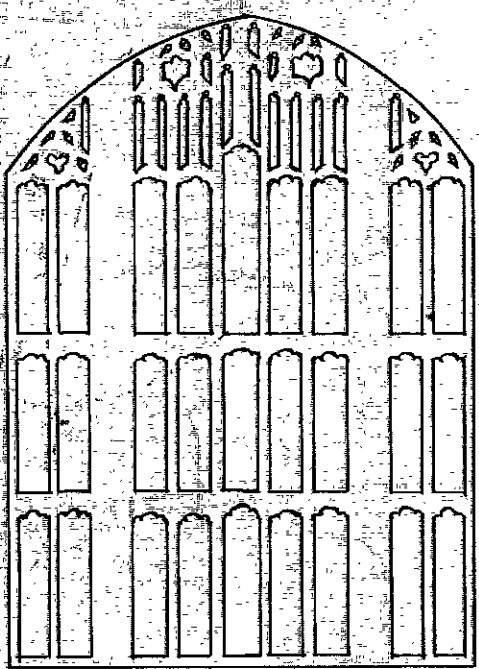
DATE: MAY 14, 1941

PLAN NO. 3229

REVISED: 1953

3 - NUMBERS ENCLOSED REFER TO DEPT. OF MTG. DWNG.

CLASS	LOCATION	CLASS	LOCATION	CLASS	LOCATION
1802	13	1826	15	1851	
1803	5	1827	15	1852	
1804	13	1828	15	1853	
1805	5	1829	19	1854	
1806	5	1830	15	1855	
1807	5	1831	14	1856	
1808	5	1832	14	1857	
1809	5	1833	14	1858	
1810	5	1834	14	1859	
1811		1835	18	1860	7
1812	13	1836	4	1861	
1813	5	1837	4	1862	6
1814	13	1838	4	1863	
1815	5	1839	9	1864	
1816	5	1840	8	1865	17
1817	13	1841	4	1866	7
1818	13	1842	9	1867	17
1819	13	1843	9	1868	17
1820	5	1844	13	1869	17
1821	13	1845	8	1870	15
1822	18	1846	3	1871	7
1823	18	1847	3	1872	7
1824	19	1848	3	1873	17
1825	15	1849	3	1874	3
		1850	3	1875	16



SANCTUARY WINDOW

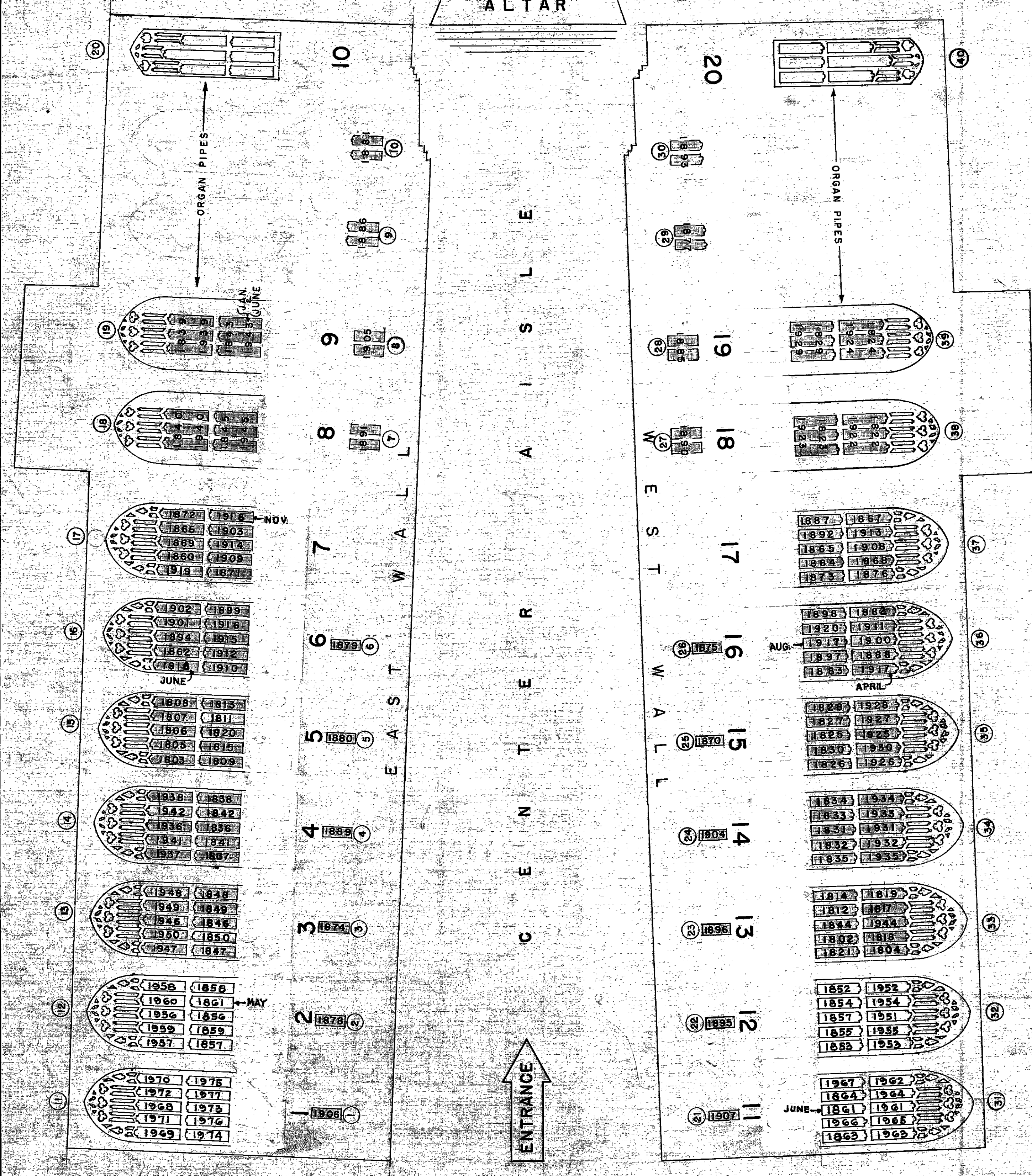
ALTAR

CLASS	LOCATION	CLASS	LOCATION	CLASS	LOCATION
1876	17	1901	6	1926	15
1877	BET. 19 & 20	1902	6	1927	15
1878	2	1903	7	1928	15
1879	6	1904	14-13	1929	19
1880	5	1905	9	1930	15
1881	BET. 9 & 10	1906	1	1931	14
1882	16	1907	11	1932	14
1883	16	1908	17	1933	14
1884	17	1909	7	1934	14
1885	19	1910	6	1935	14
1886	BET. 9 & 10	1911	16	1936	4
1887	17	1912	6	1937	4
1888	16	1913	17	1938	4
1889	4	1914	7	1939	9
1890	18	1915	6	1940	8
1891	8	1916	6	1941	4
1892	17	1917	X 16	1942	
1893	BET. 19 & 20	1918	✓ 16 *	1943	9
1894	6	1919	7	1944	13
1895	12	1920	16	1945	8
1896	13	1921		1946	3
1897	16	1922	18	1947	3
1898	16	1923	18	1948	3
1899	6	1924	19	1949	3
1900	16	1925	15		

X-APRIL-AUGUST

✓-NOVEMBER

\*-JUNE



APRIL  
JOHN  
JOHN  
APR  
APR



ING CONDITIONS

IAPEL CONSOLE

OFFICE

POINT, N.Y.

A.N. 26-1942

# 3293

15'-1 1/8"

296

NATURAL GRADE

1149

6'-2 1/2"

6'-8 1/2"

292

18 X 16  
CONCRETE GIRDER

290

8'-6"  
PIT

5'-4"

TYPE OF FLOOR CONST.  
NOT KNOWN

22

21

0

WOOD DOORS

ELECTRO PNEUMATIC  
MECHANISM CLOSET

WOOD FL.

4 1/2"

6" F  
2'-0"

7'-0" DOOR  
(SEE PLAN)

7'-3"

BLOWER R.M. FL

17

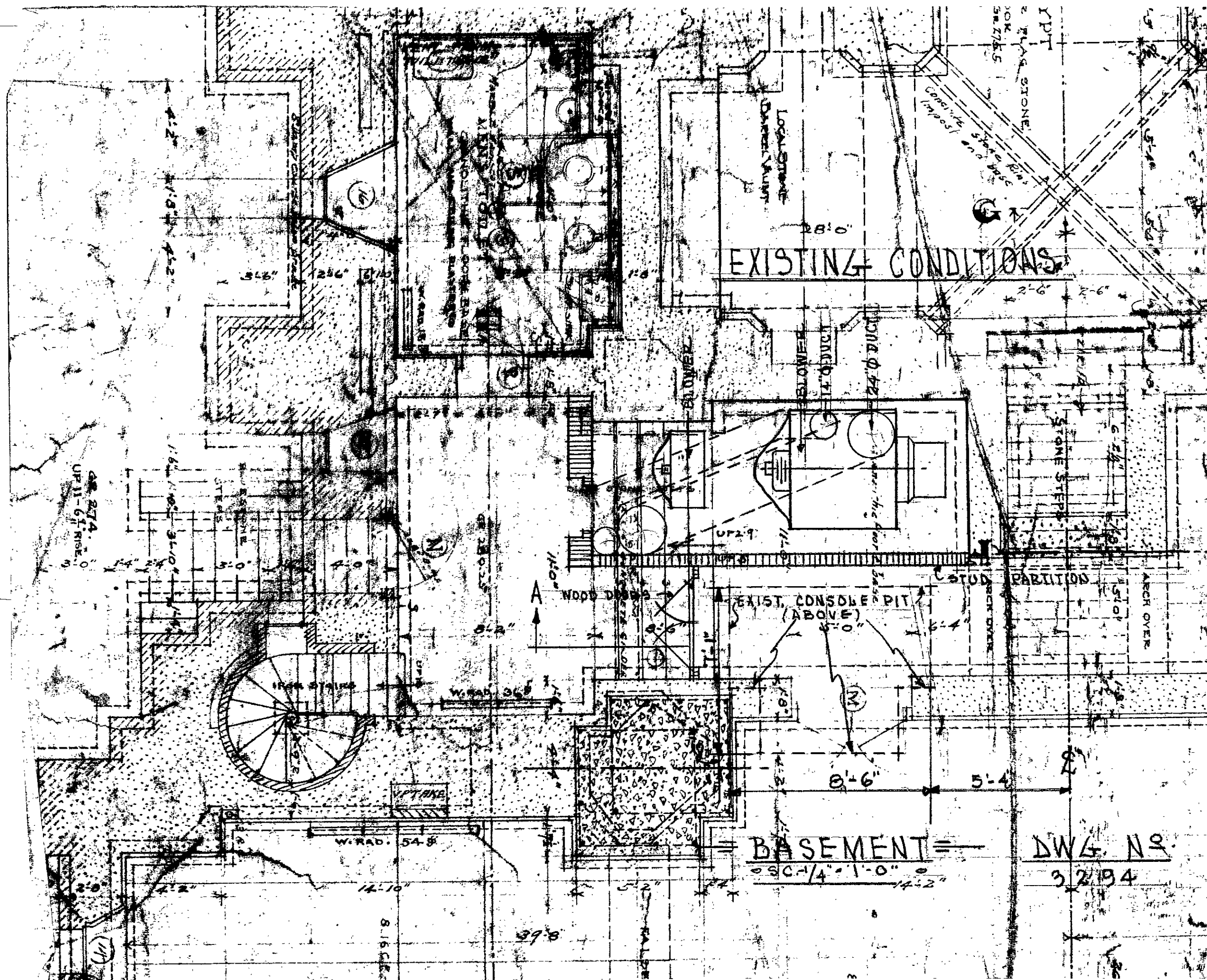
296

SECTION ON A.

501-1

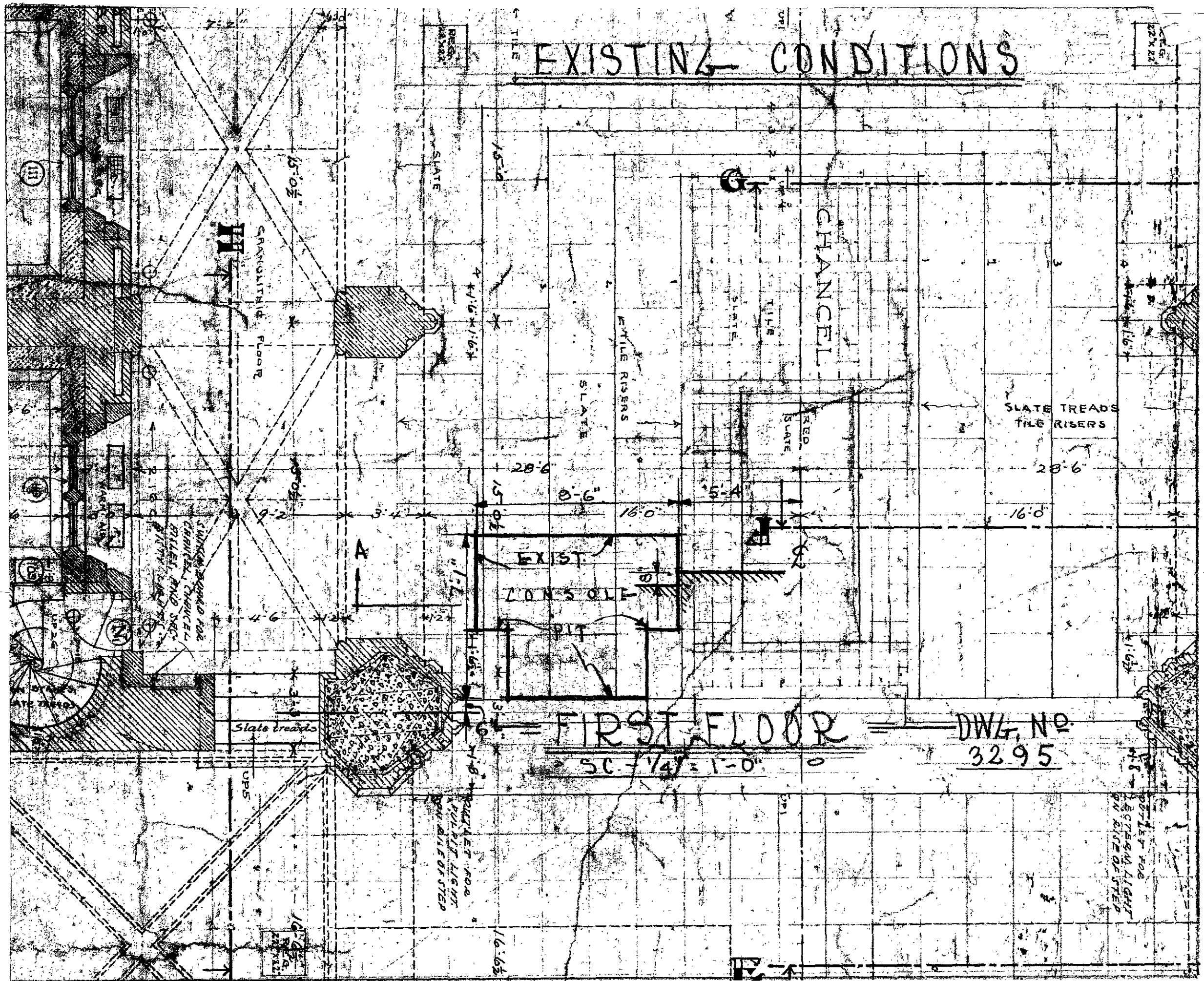
1'-0"



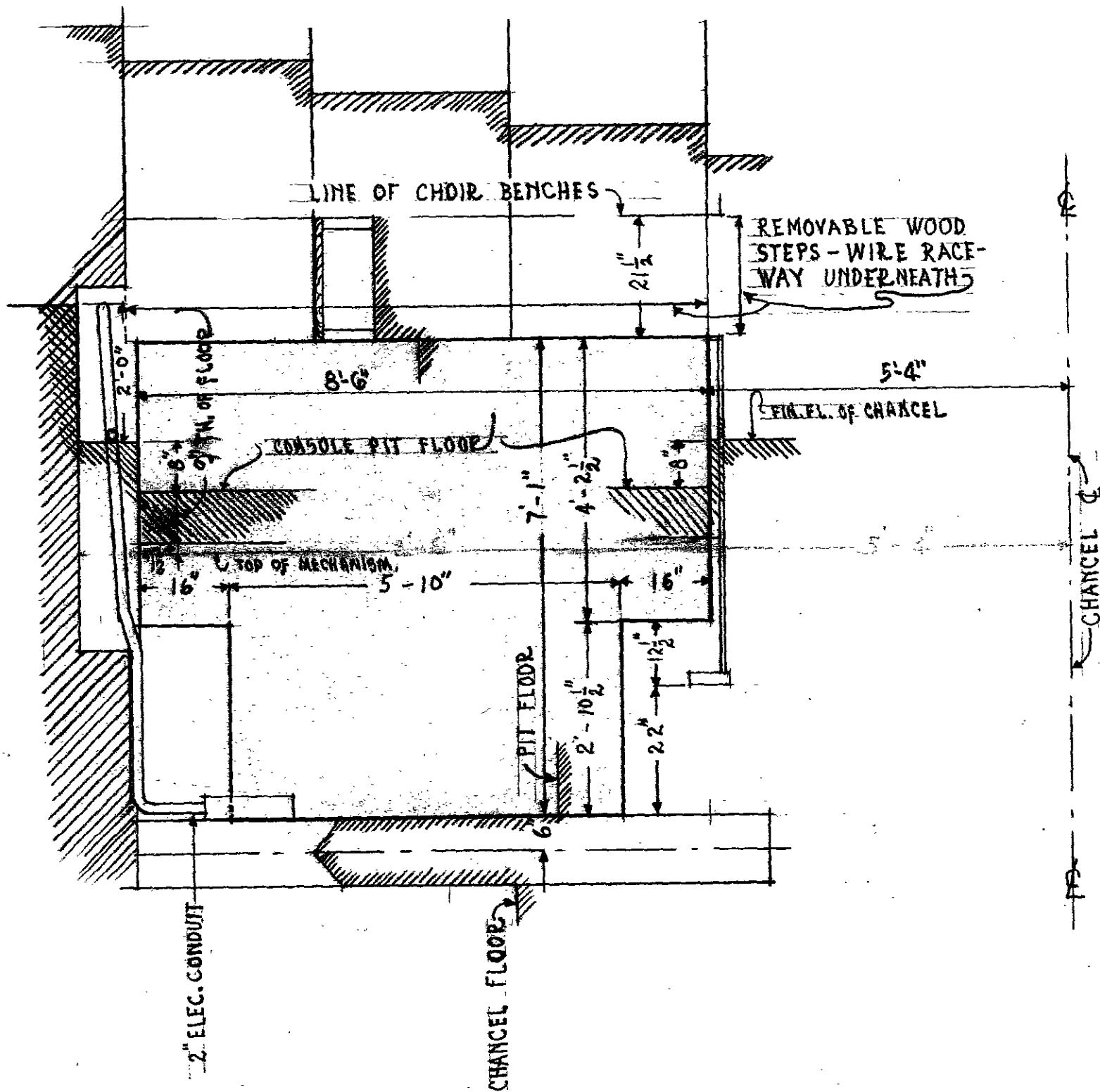




# EXISTING CONDITIONS







PLAN SHOWING EXISTING CONSOLE PIT AT  
 CADET CHAPEL

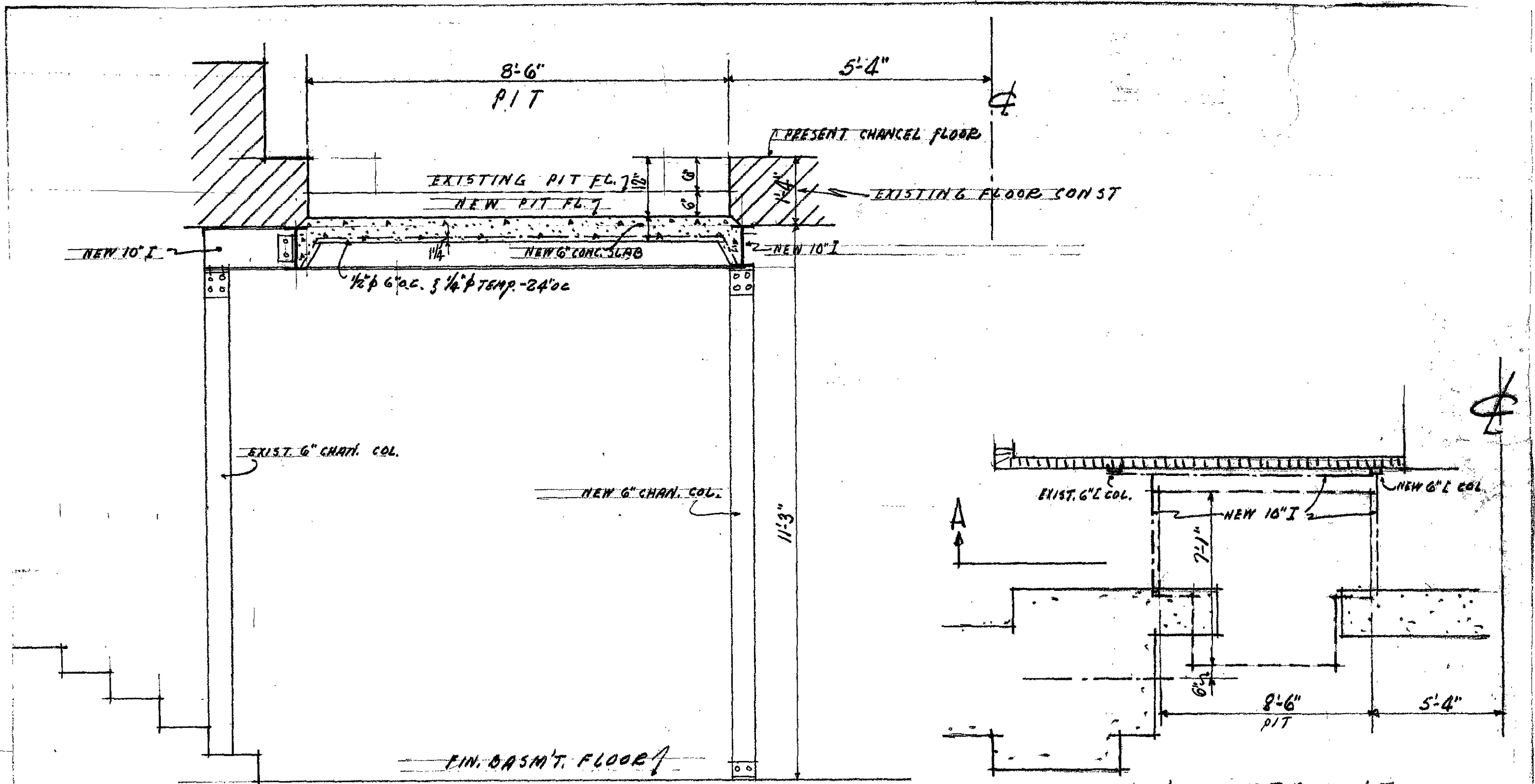
U.S. MILITARY ACADEMY, WEST POINT  
 N. Y.

DRAWING # 3296

SCALE:  $\frac{1}{2}'' = 1'-0''$

-B





SECT. ON A - SHOWING NEW FRAMING

SC. 1 - 1/2" = 1'-0"

PLAN OF FRAMING

SC. 1 - 1/4" = 1'-0"

DETAIL OF NEW FRAMING FOR NEW PIT

CADET CHAPEL CONSOLE

Q.M. OFFICE  
WEST POINT-N.Y.

JAN. 26-1942.

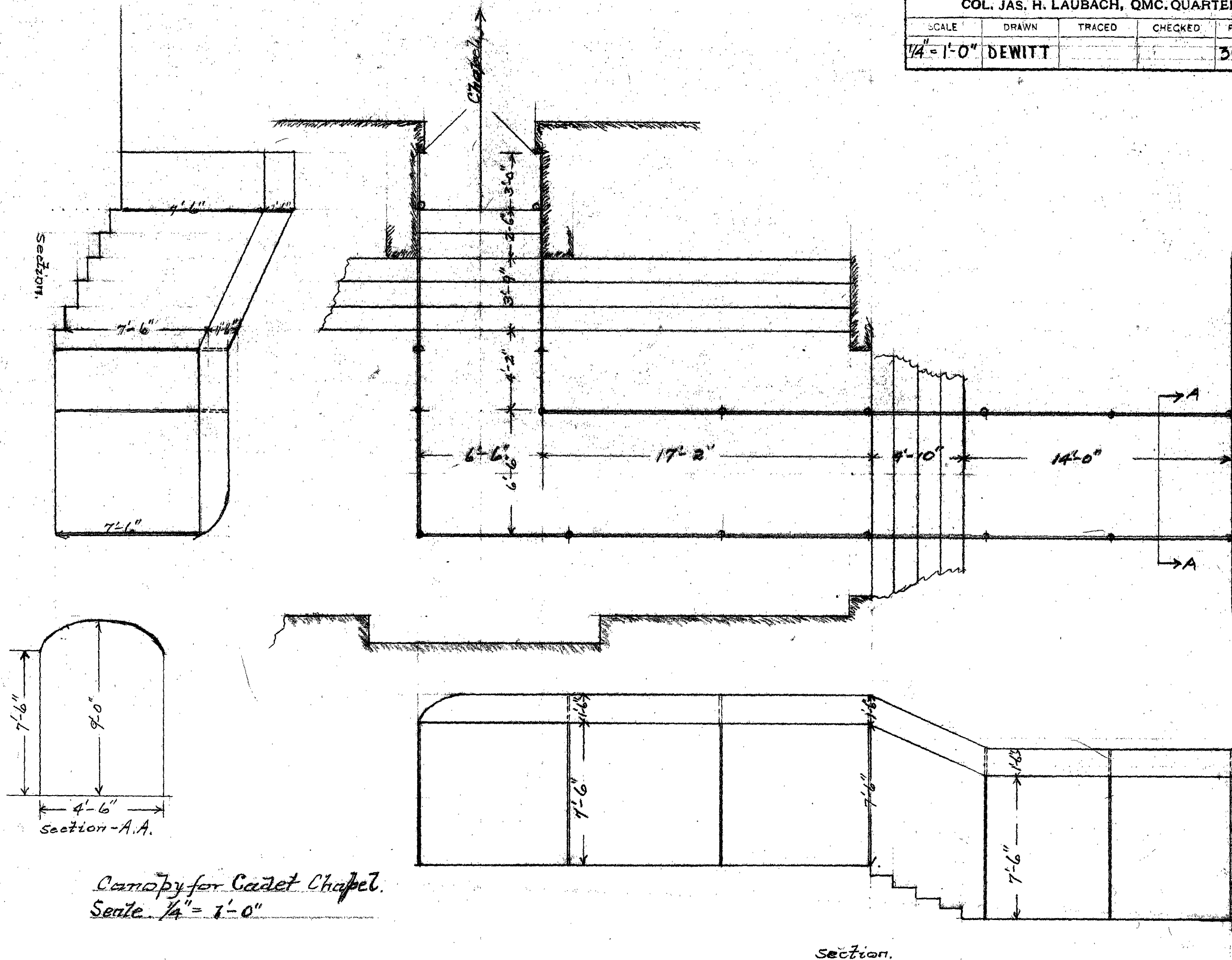
DWG. #3297



CANOPY FOR CADET CHAPEL

PREPARED UNDER THE DIRECTION OF  
COL. JAS. H. LAUBACH, QMC. QUARTERMASTER

SCALE	DRAWN	TRACED	CHECKED	PLAN NO.	DATE
1/4" = 1'-0"	DEWITT			3466	11-9-42



3



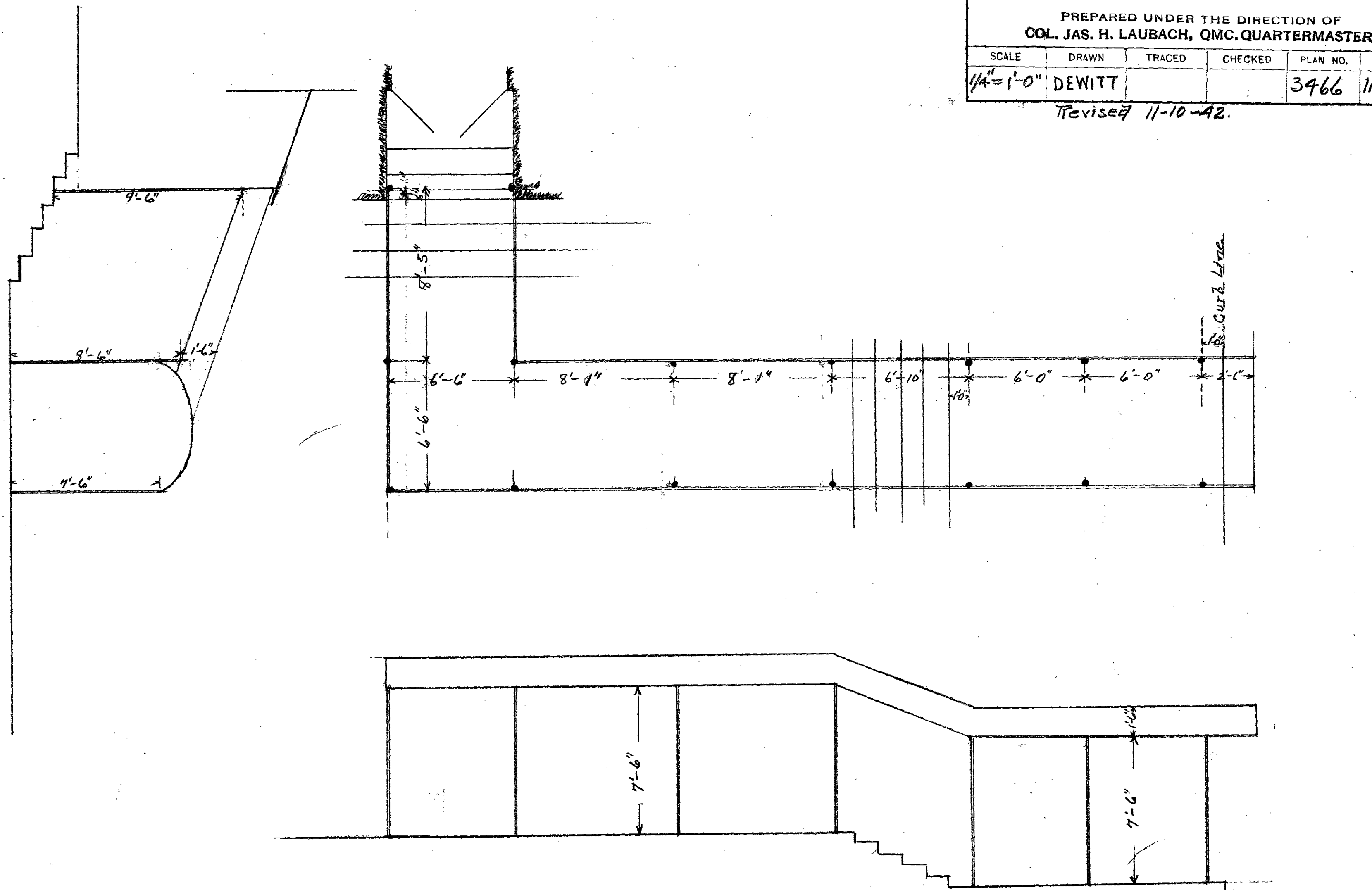
UTILITIES DIVISION  
OFFICE OF THE QUARTERMASTER  
UNITED STATES MILITARY ACADEMY WEST POINT, N. Y.

# CANOPY FOR CADET CHAPEL

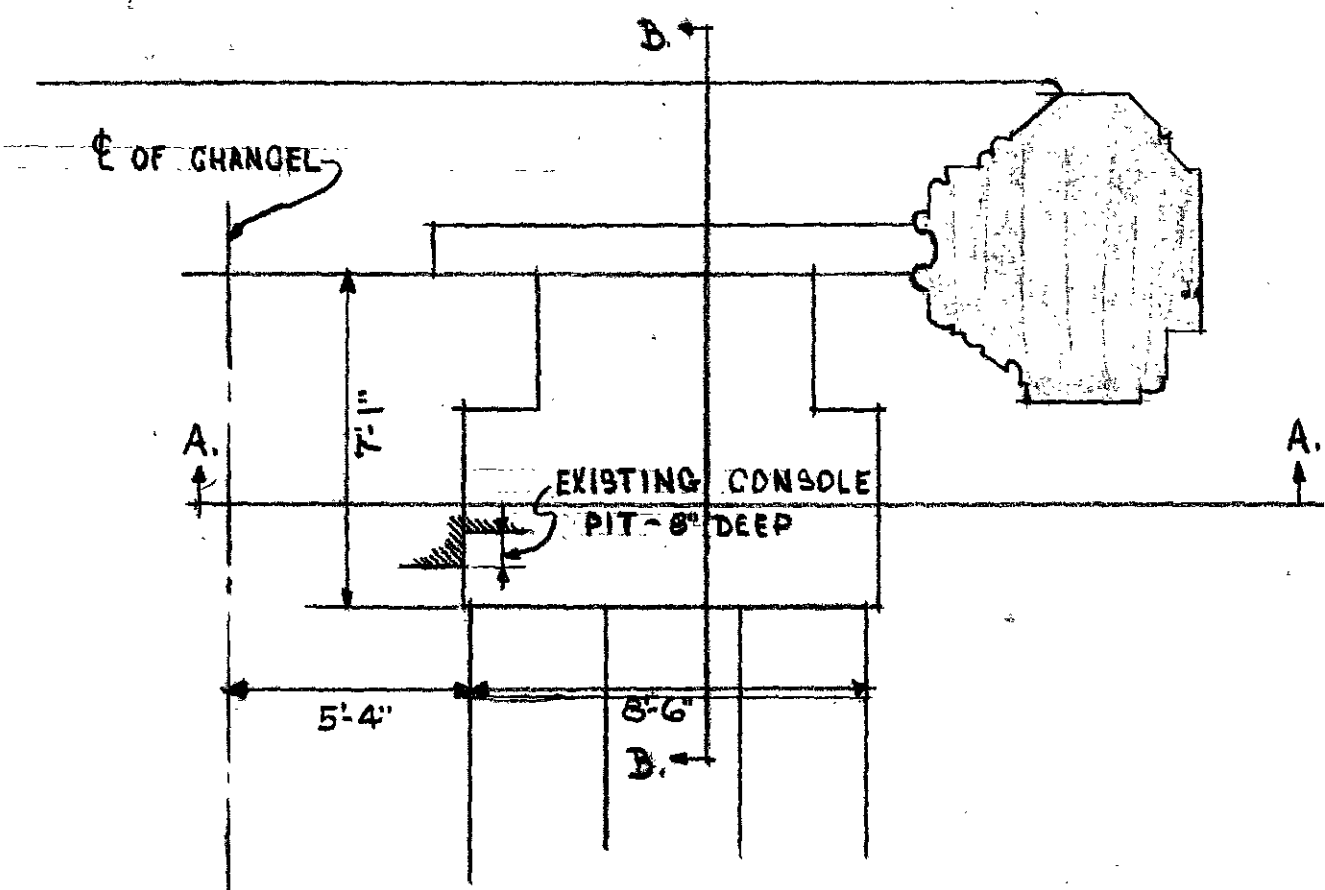
PREPARED UNDER THE DIRECTION OF  
COL. JAS. H. LAUBACH, QMC. QUARTERMASTER

SCALE	DRAWN	TRACED	CHECKED	PLAN NO.	DATE
1/4" = 1'-0"	DEWITT			3466	11-9-42

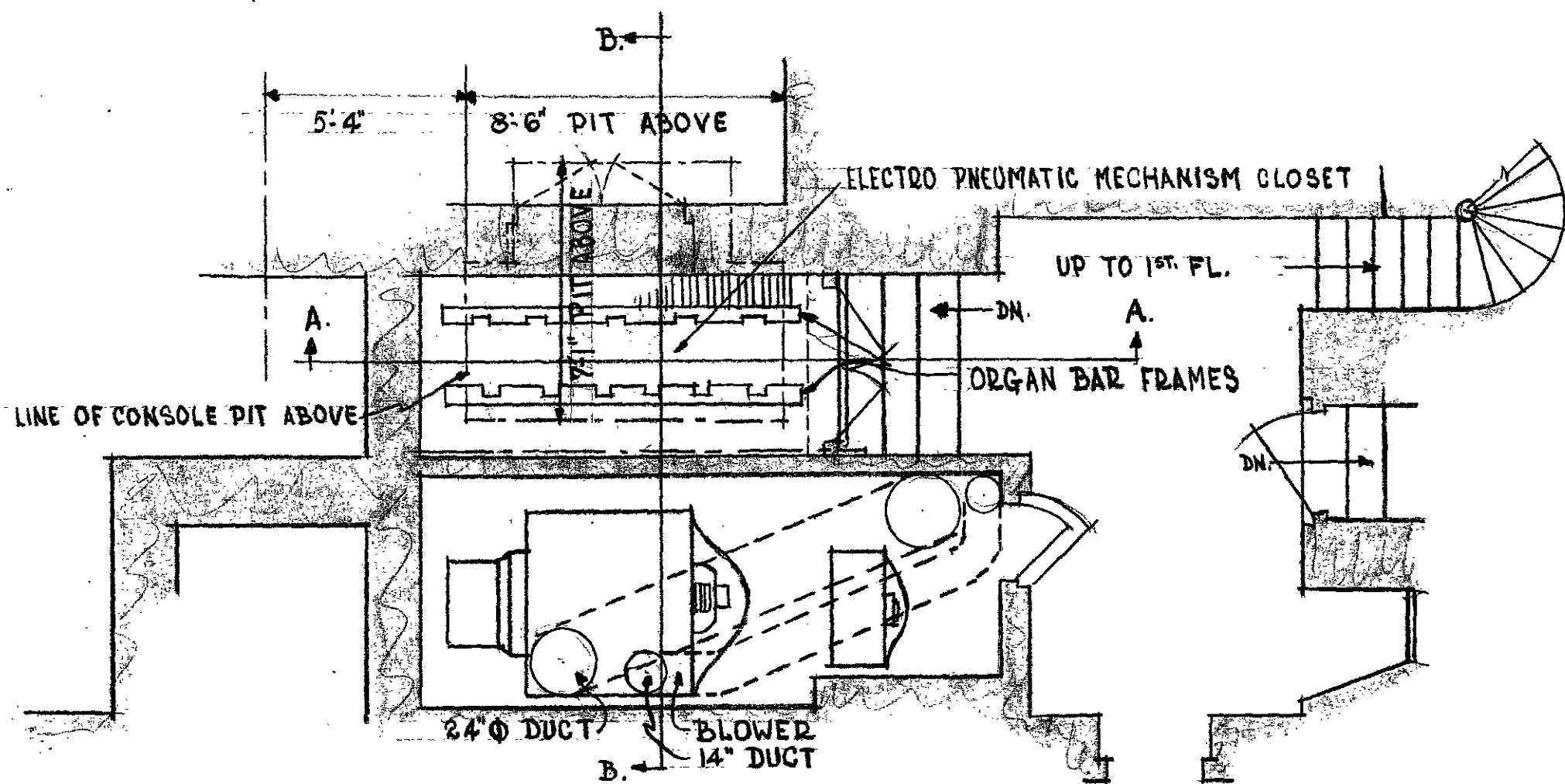
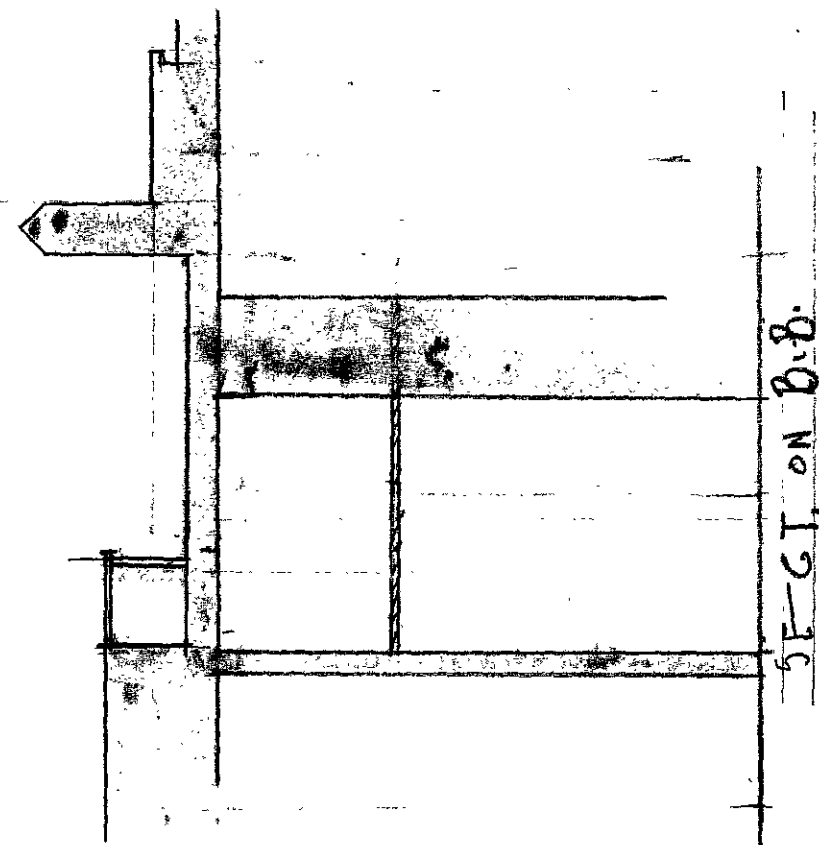
Revised 11-10-42.



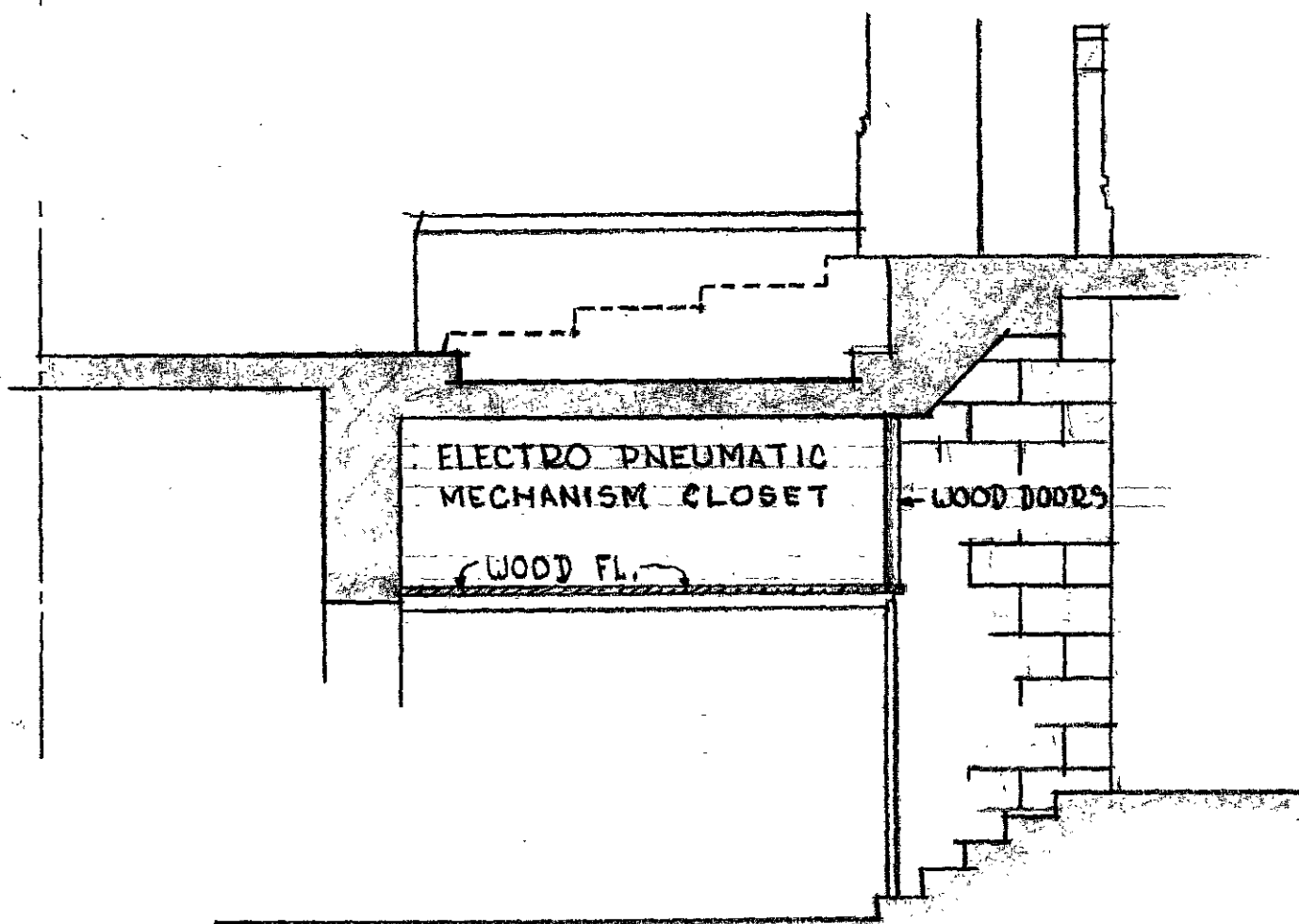




FIRST FL. PLAN



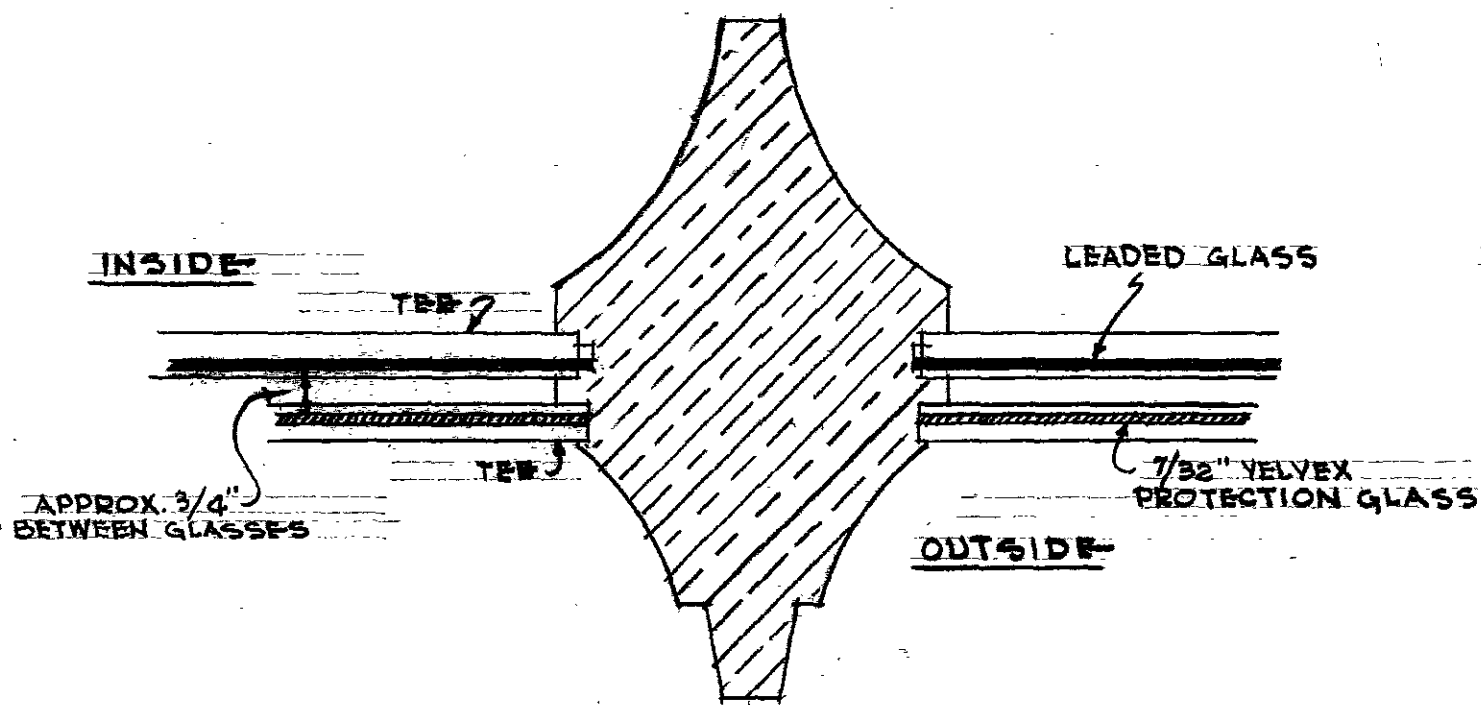
BASMT. PLAN



SECTION ON 'AA'

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
EXISTING CONSOLE PIT CADET CHAPEL					
SUBMITTED BY: LT. COL. T. E. CUTTING - CE			APPROVED BY:		
SCALE 1/4" = 1'-0"	DRAWN F. H.	TRACED	CHECKED	DATE 15 OCT 46	PLAN NO. 4228





SHAPE TAKEN FROM OLD  $\frac{3}{4}$ " SCALE GRAM. FERGUSON BLUEPRINT

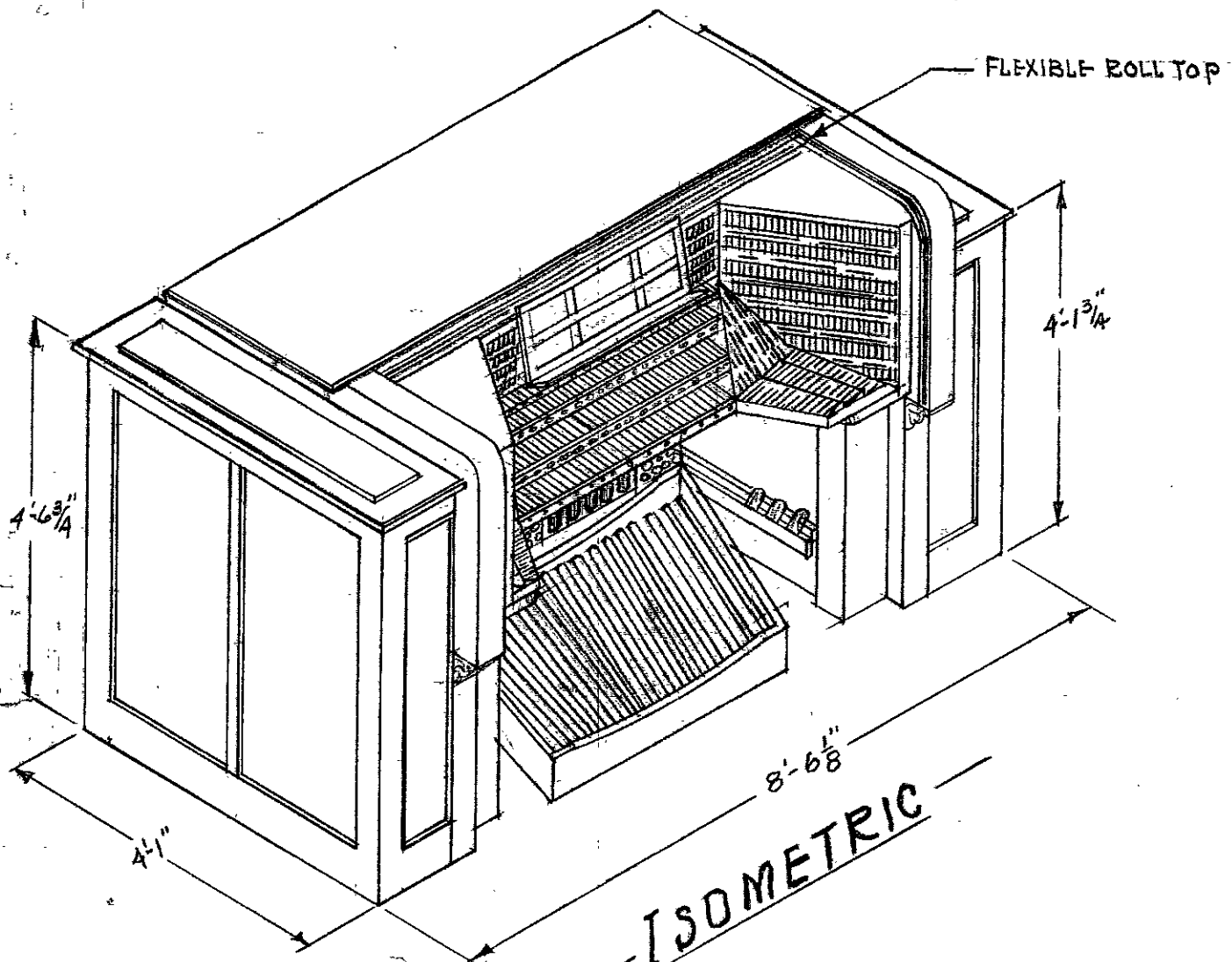
SCALE 3" = 1'-0"

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
SECTION THRU CHANCEL WINDOW AT CADET CHAPEL					
SUBMITTED BY: LT. COL. H. L. FOX			APPROVED BY:		
SCALE NOTED	DRAWN	TRACED CASTELLI	CHECKED	DATE 3-15-48	PLAN NO. 4416

2 PRINTS

# 741





OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

CONSOLE ORGAN AT  
CADET CHAPEL  
BLDG # ~~741~~ 722

SUBMITTED BY:

LT. COL. D. A. PHELAN

APPROVED BY:

SCALE

1/2" = 1'-0"

DRAWN

BLAIR

TRACED

CHECKED

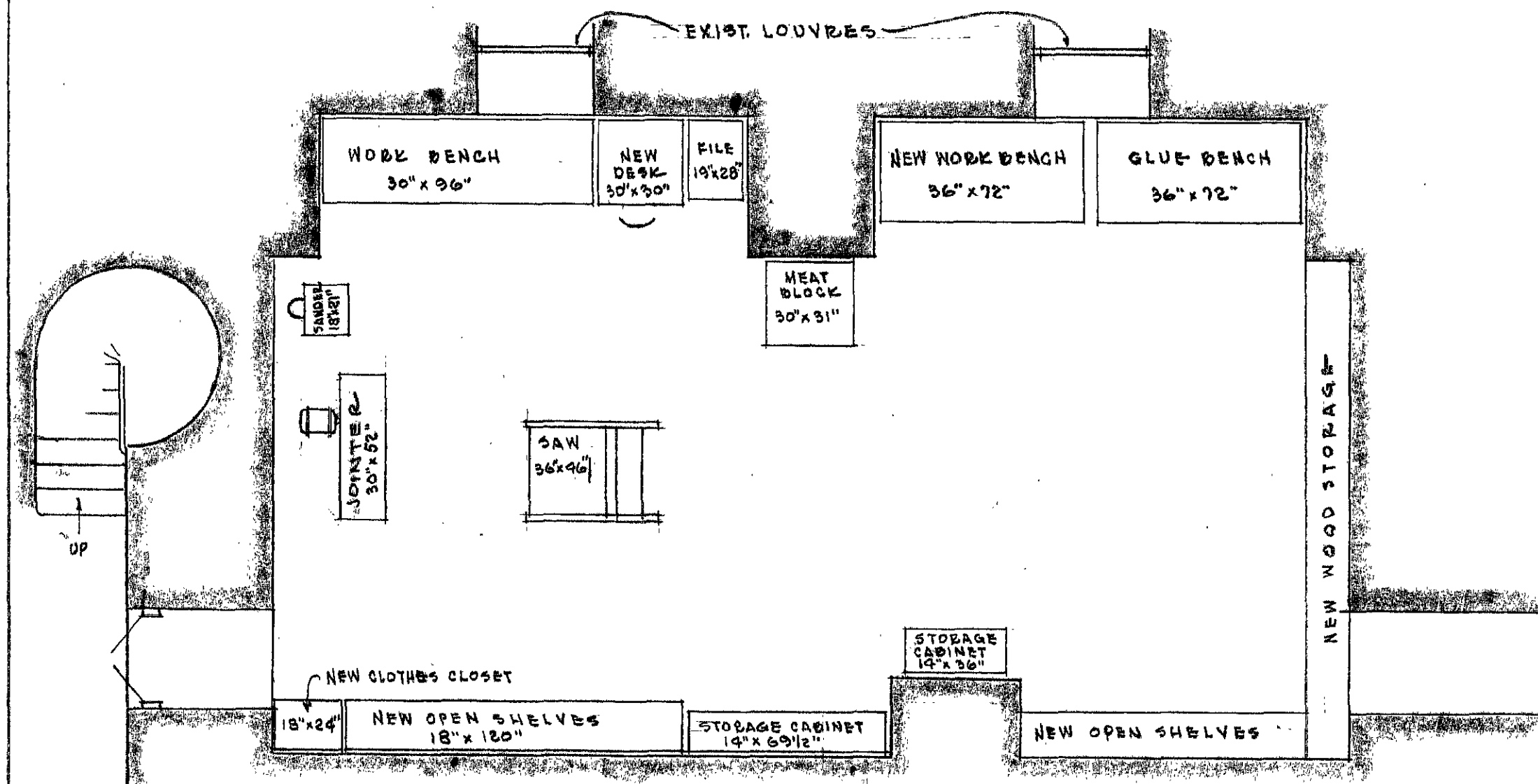
DATE

20/OCT/49

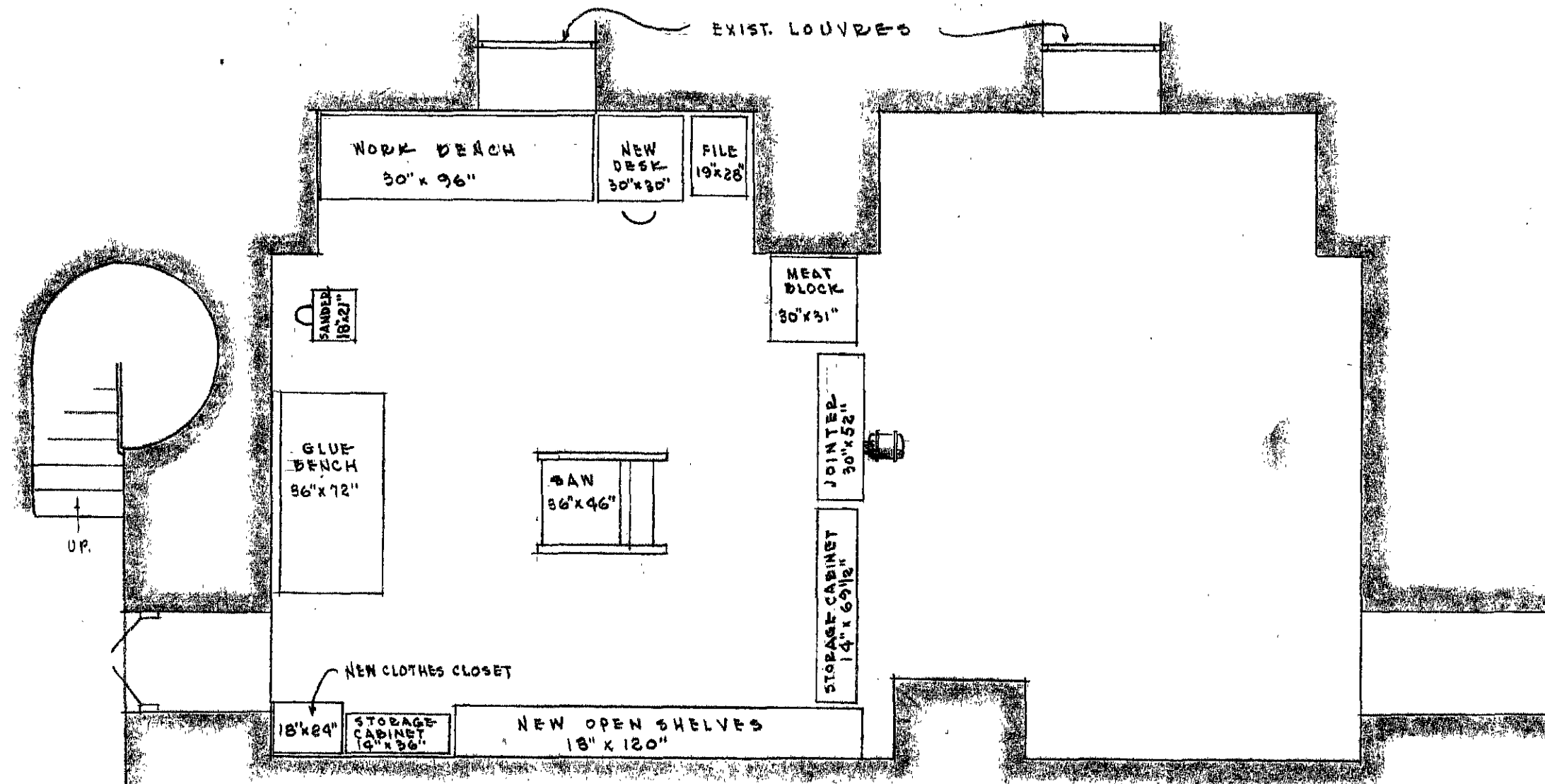
PLAN

NO. 5106





— PLAN-SCHEME "A" —  
SCALE 1/4" = 1'-0"

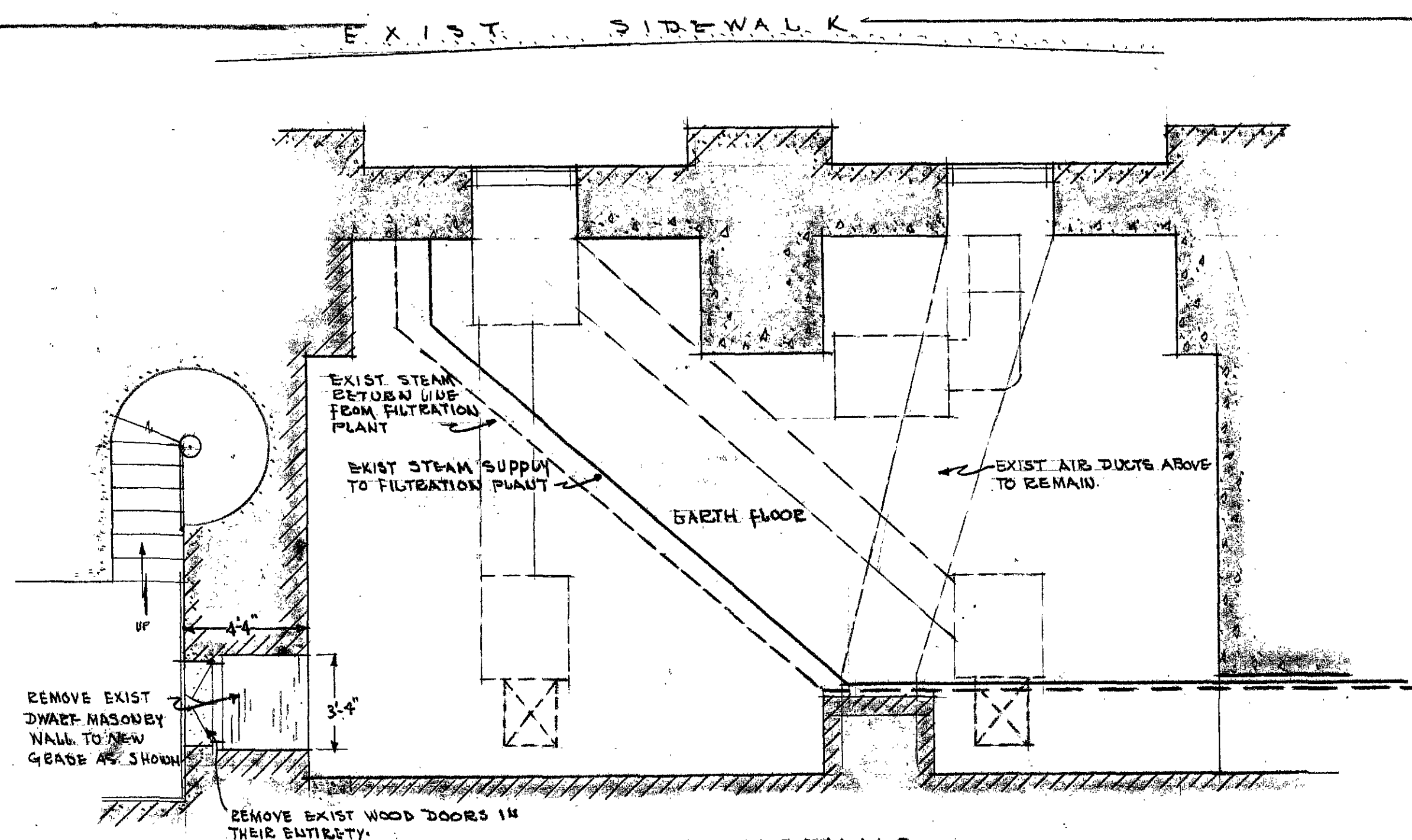


— PLAN-SCHEME "B" —  
SCALE 1/4" = 1'-0"

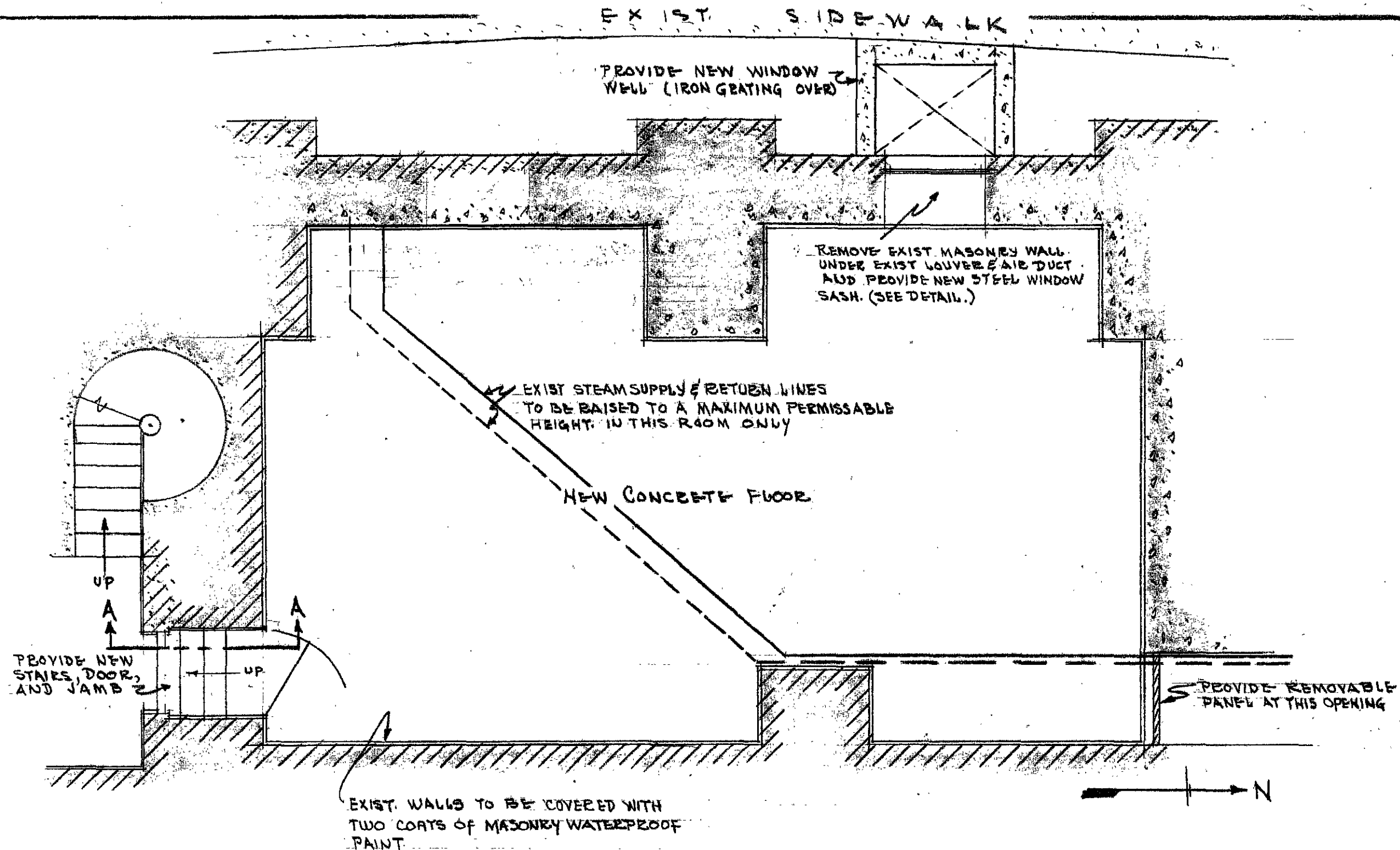
See later detail for 51735 5174

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
NEW ORGAN MECHANICS MAINTENANCE ROOM BLDG # <del>74</del> 722					
SUBMITTED BY:			APPROVED BY:		
SCALE 1/4" = 1'-0"	DRAWN CASTELLI	TRACED	CHECKED	DATE 5-10-50	PLAN NO. 5170

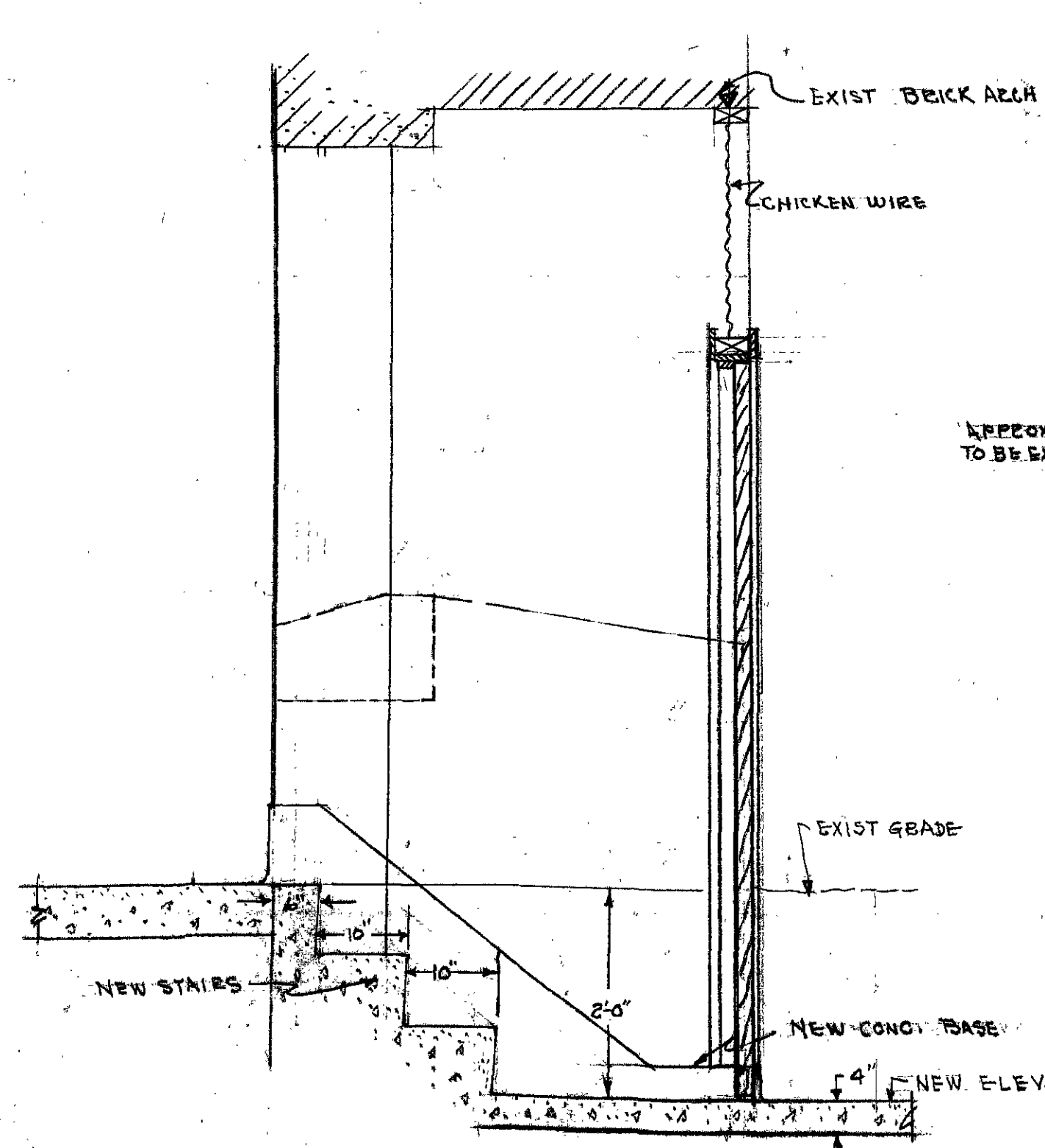




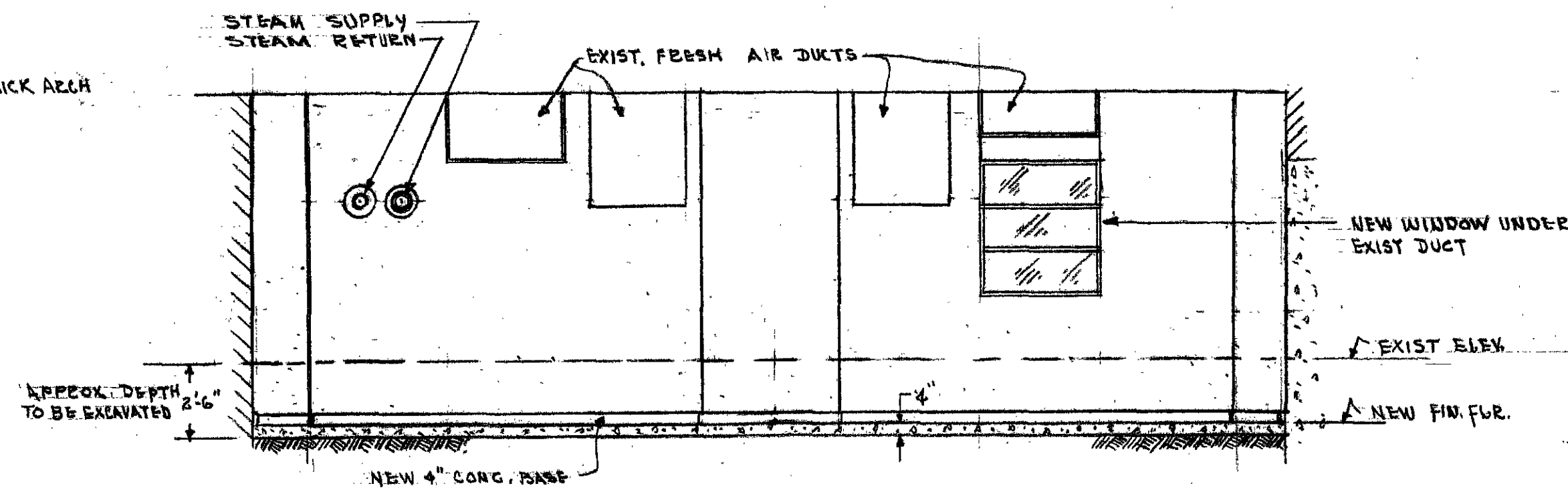
— EXISTING —  
— PLAN —  
SCALE  $\frac{1}{4}'' = 1'-0''$



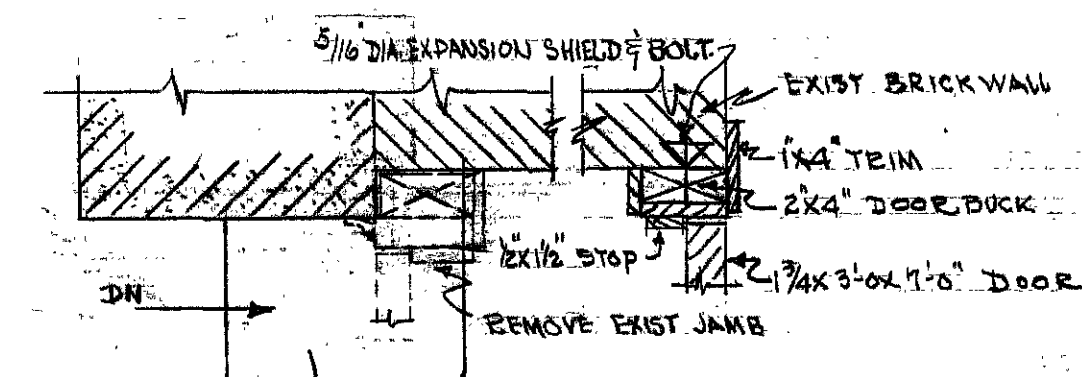
— NEW —  
— PLAN —  
SCALE  $\frac{1}{4}'' = 1'-0''$



SECT. THRU A A  
SCALE  $\frac{3}{4}'' = 1'-0''$



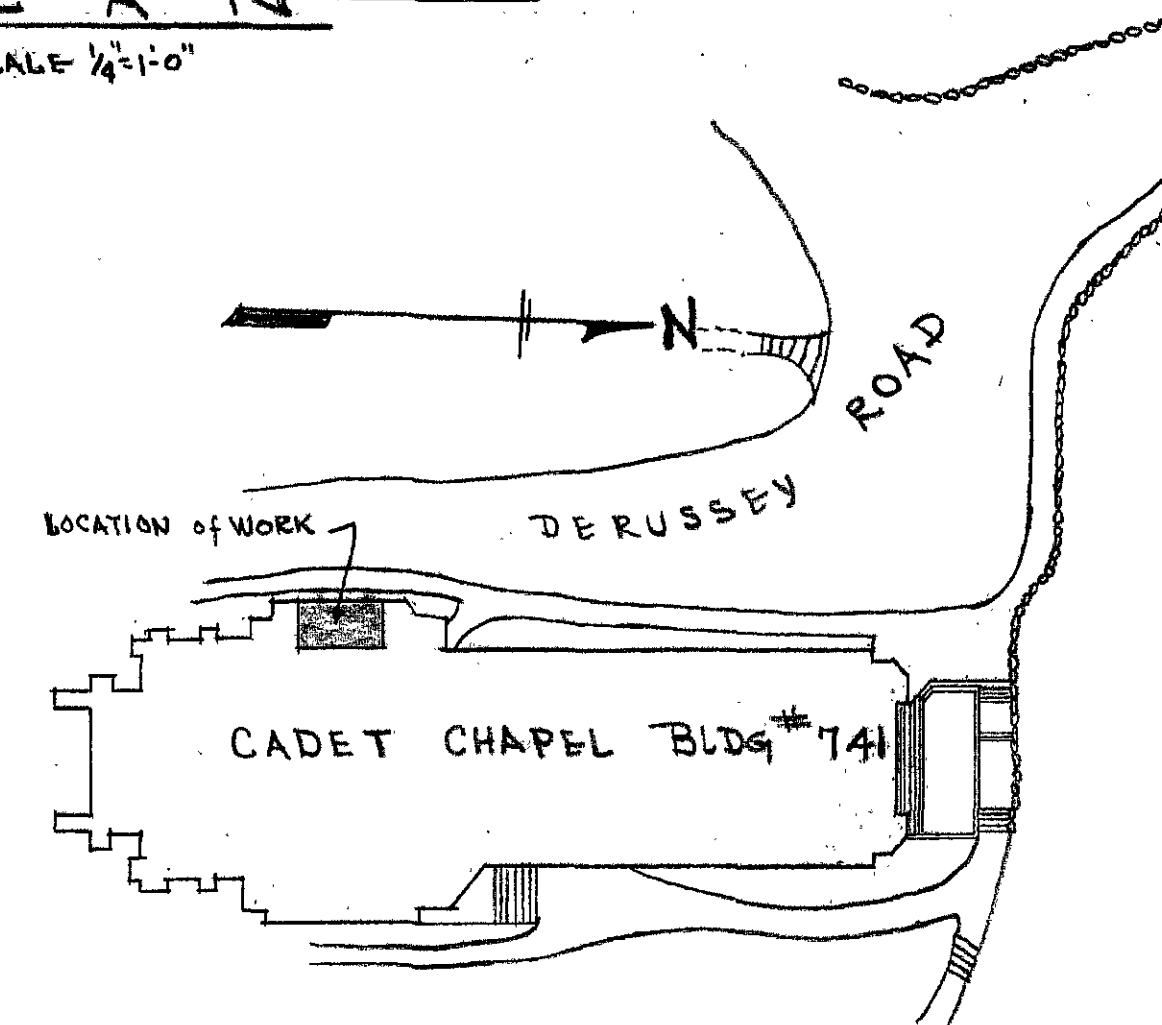
— ELEVATION WEST WALL —  
SCALE  $\frac{1}{4}'' = 1'-0''$



— SECT. THRU DOOR JAMB —  
SCALE  $\frac{1}{2}'' = 1'-0''$

— GENERAL NOTES —

MIN. CLEARANCE UNDER LOWEST DUCT, 1'-0" TO FIN. HGR.  
WALLS TO BE PAINTED WITH TWO COATS MASONRY PAINT.  
SEE PLAN NO. 5170, SCHEME A FOR LOCATION OF EQUIPMENT.  
ALL ELECTRICAL WORK SHALL BE INSTALLED AFTER EQUIPMENT IS LOCATED AND APPROVED.  
ELECTRICAL FIXTURES SHALL BE INSTALLED WHERE DIRECTED.  
ALL EXPOSED PIPING SHALL BE COVERED.  
ALL HEATING DUCTS SHALL BE COVERED WITH ASBESTOS.  
FOR DETAILS SEE PLAN NO. 5174.



— LOCATION PLAN —  
NO SCALE

REVISED 13 JUNE 1950

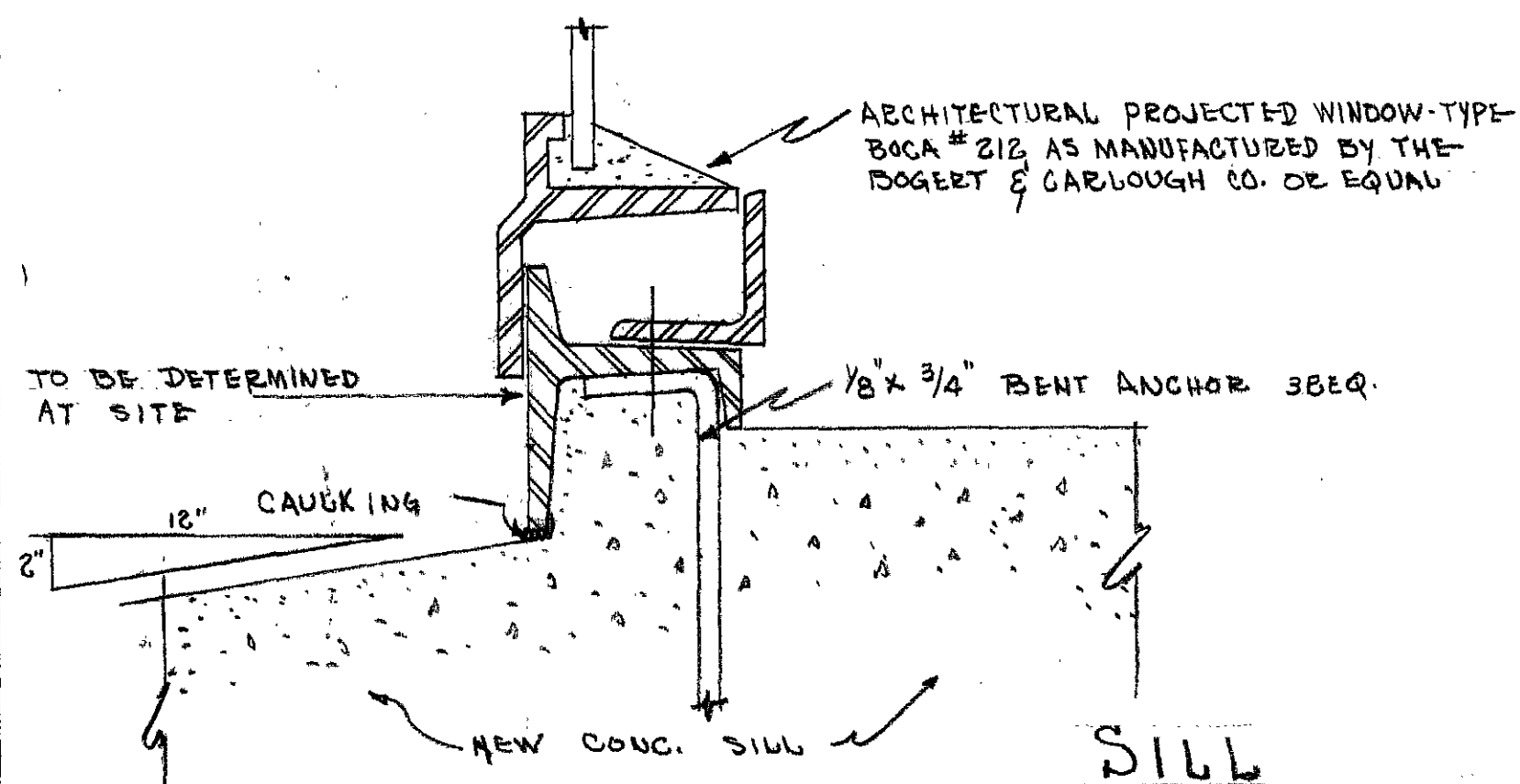
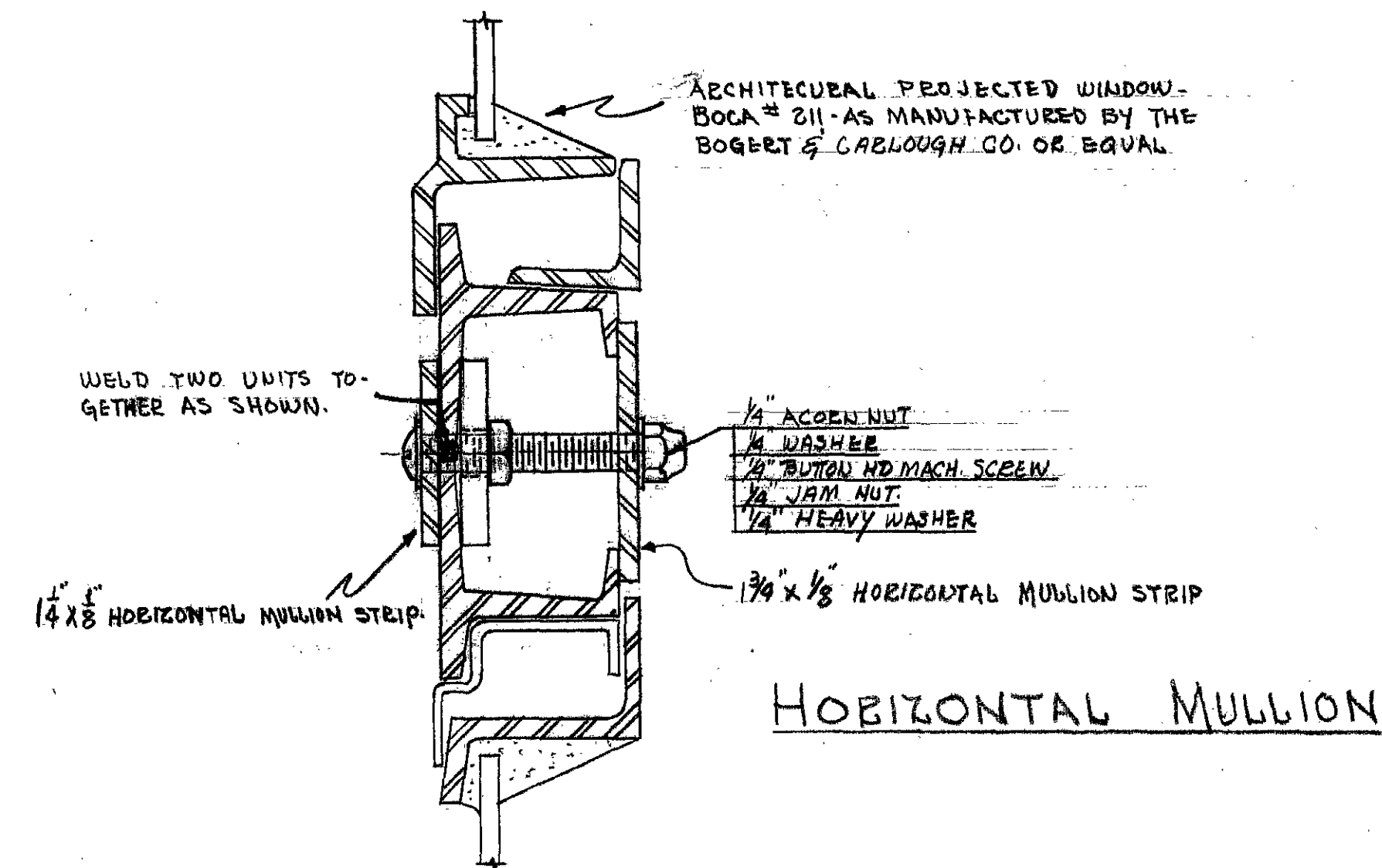
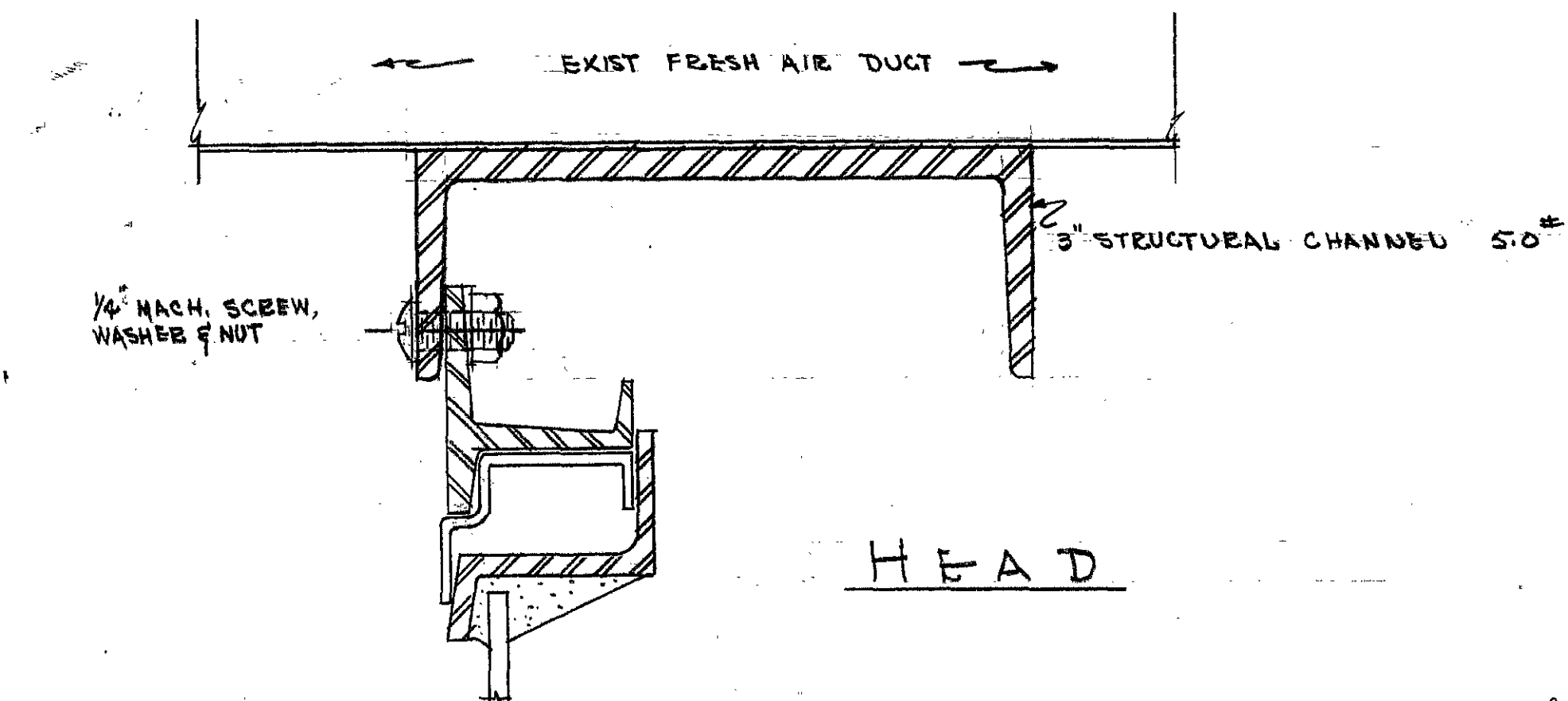
OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

REHABILITATION of UNEXCAVATED  
SPACE for ORGAN MECH'S MAINT.  
ROOM IN BASEMENT of CADET CHAPEL

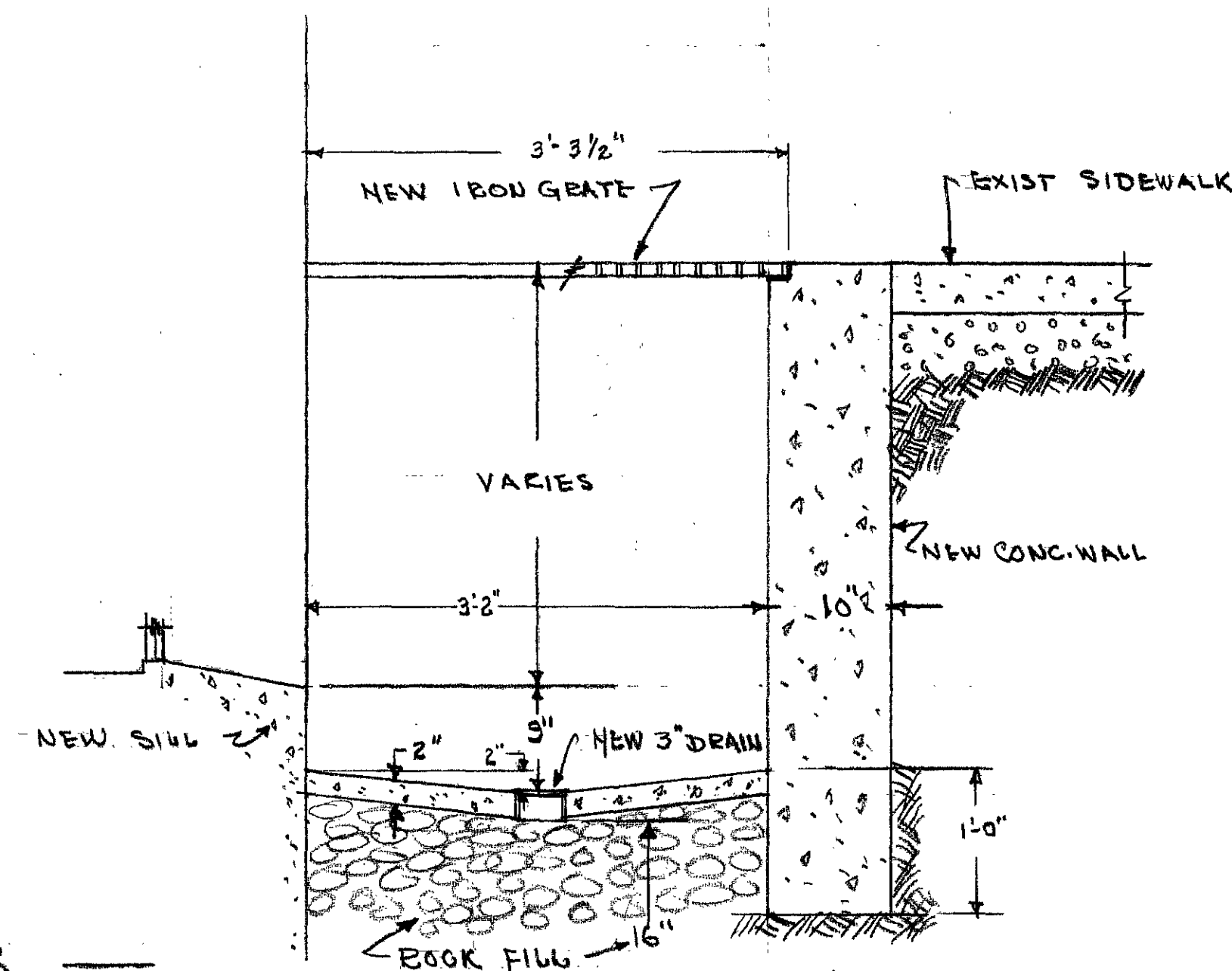
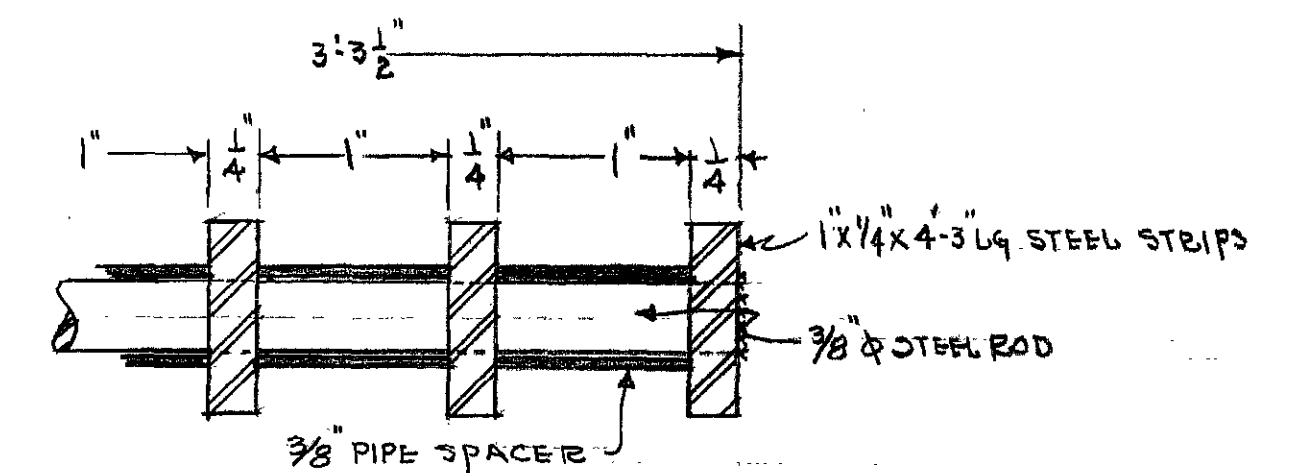
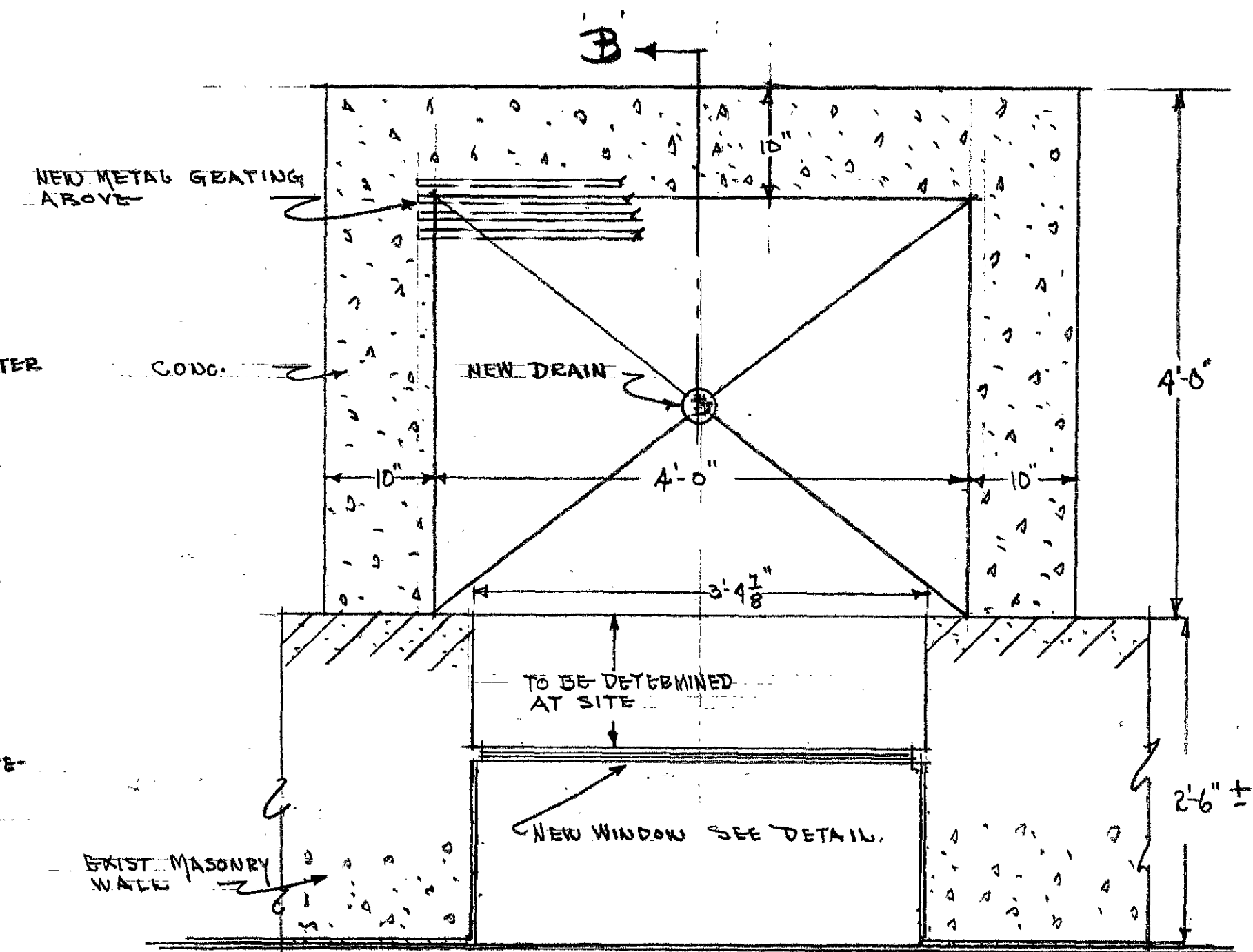
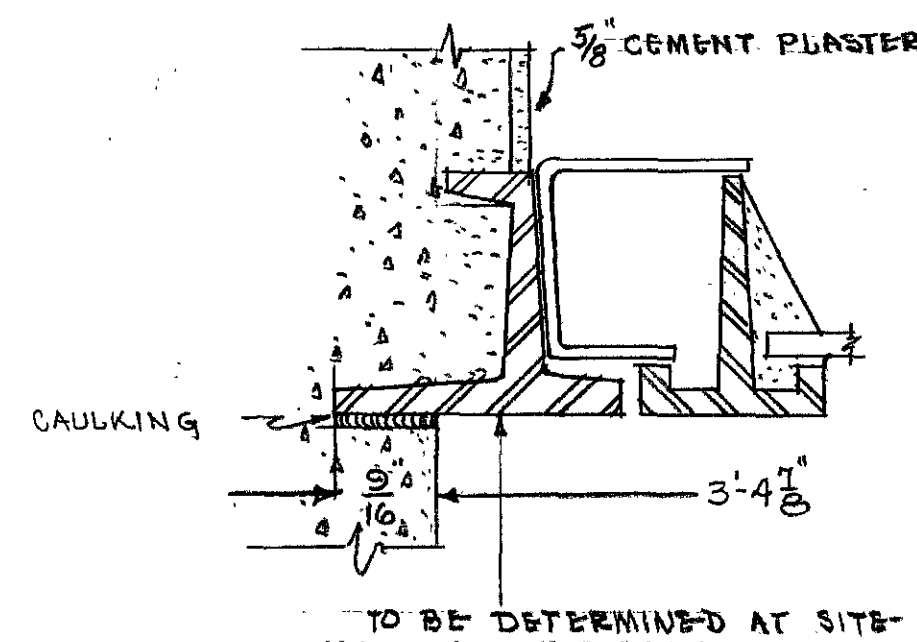
SUBMITTED BY: APPROVED BY:

SCALE	DRAWN	TRACED	CHECKED	DATE	PLAN
NOTED	3UAR			23 MAY 50	NO. 5173





— DETAIL THRU NEW WINDOWS —  
SCALE = FULL SIZE



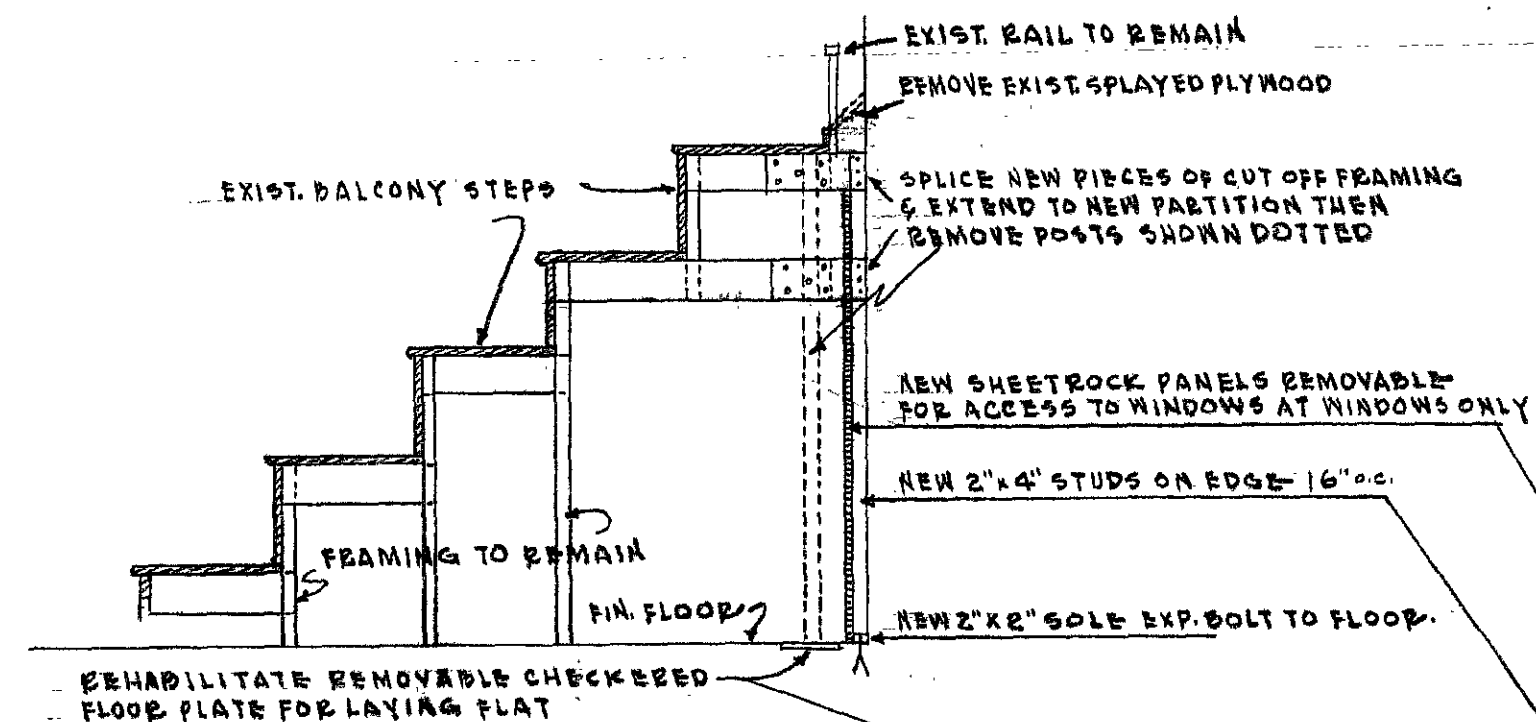
# ARCHITECTURAL DETAILS

OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

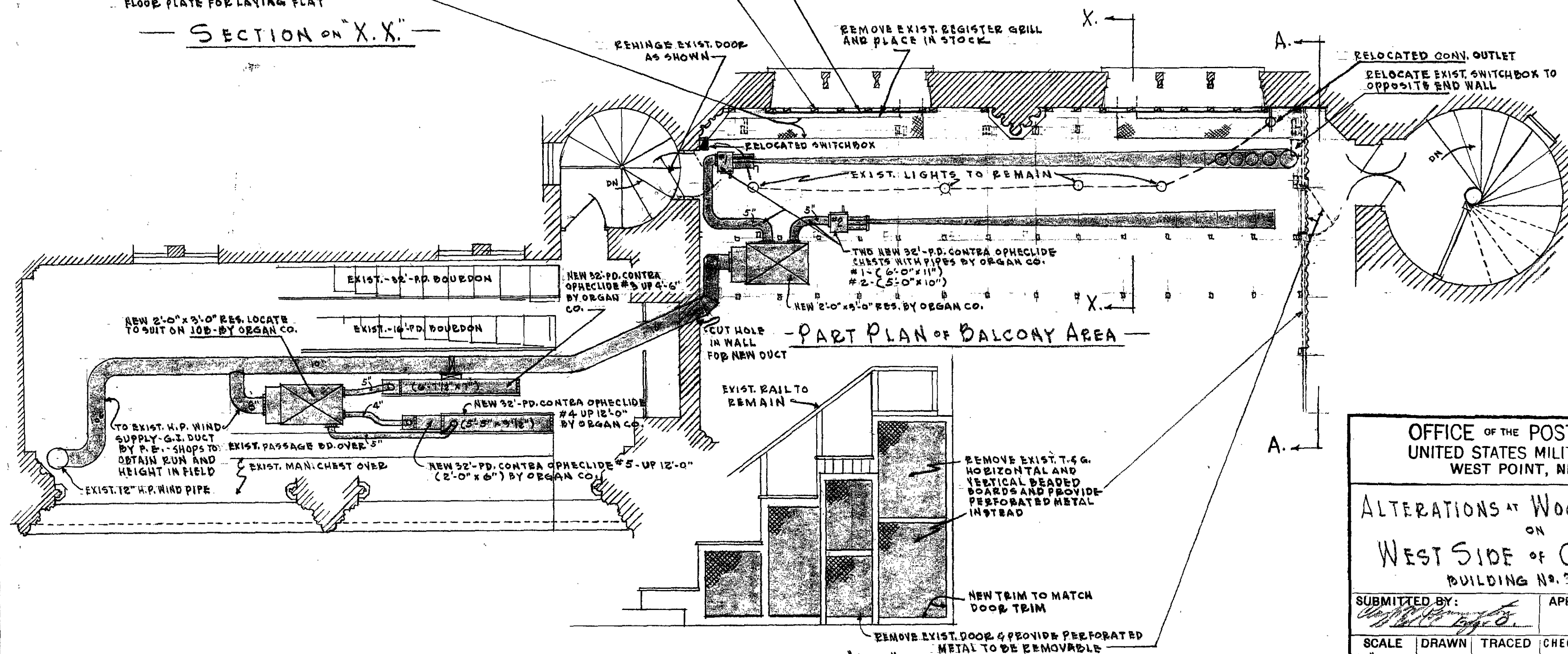
REHABILITATION of UNEXCAVATED  
SPACE FOR ORGAN MECH'S MAINT.  
ROOM IN BASEMENT of CADET CHAPEL

SUBMITTED BY:		APPROVED BY:	
SCALE NOTED	DRAWN BLAIR	TRACED	CHECKED
DATE 24 MAY 50		PLAN NO. 5174	

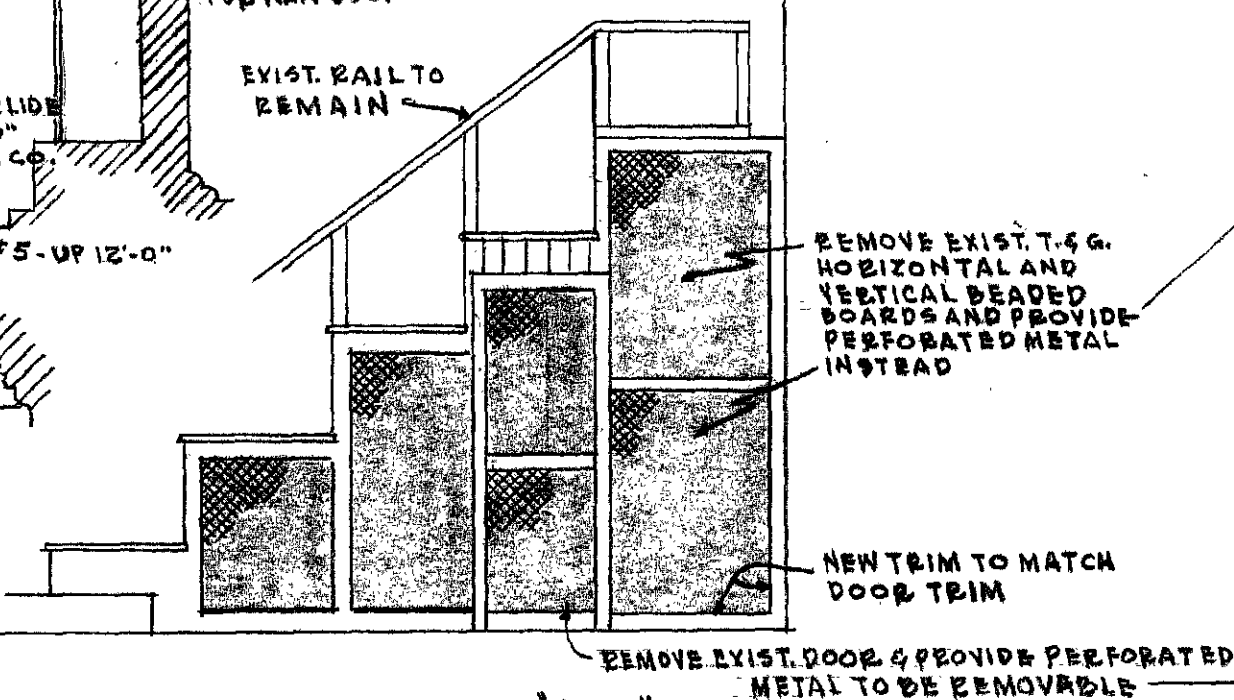




SECTION ON "X.X."



PART PLAN OF BALCONY AREA



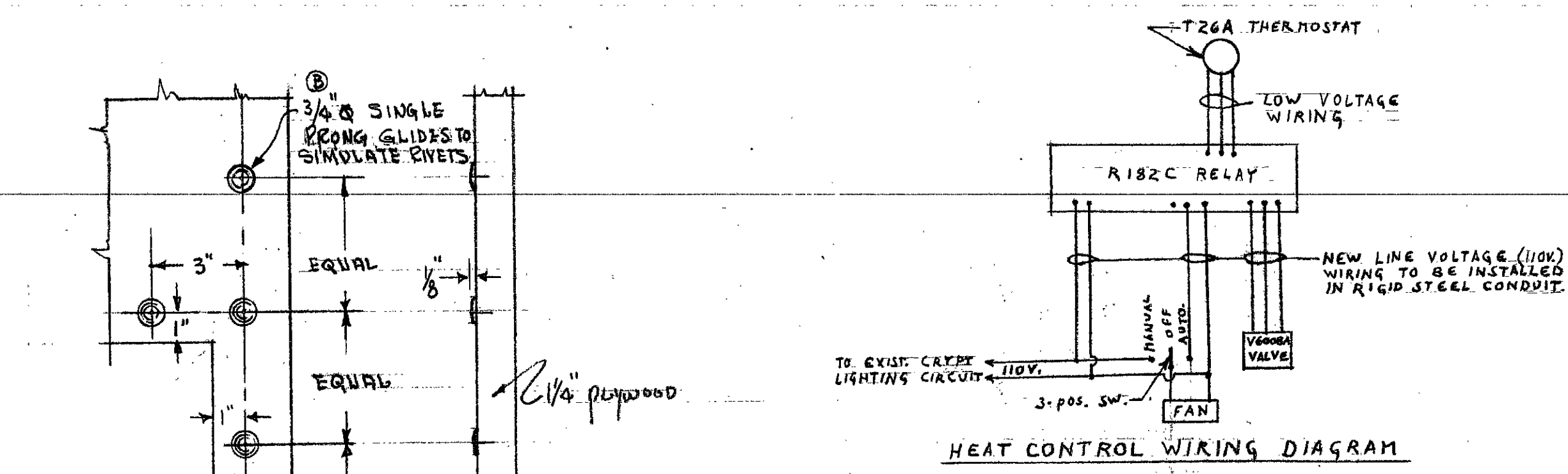
ELEVATION ON "A.A."

OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

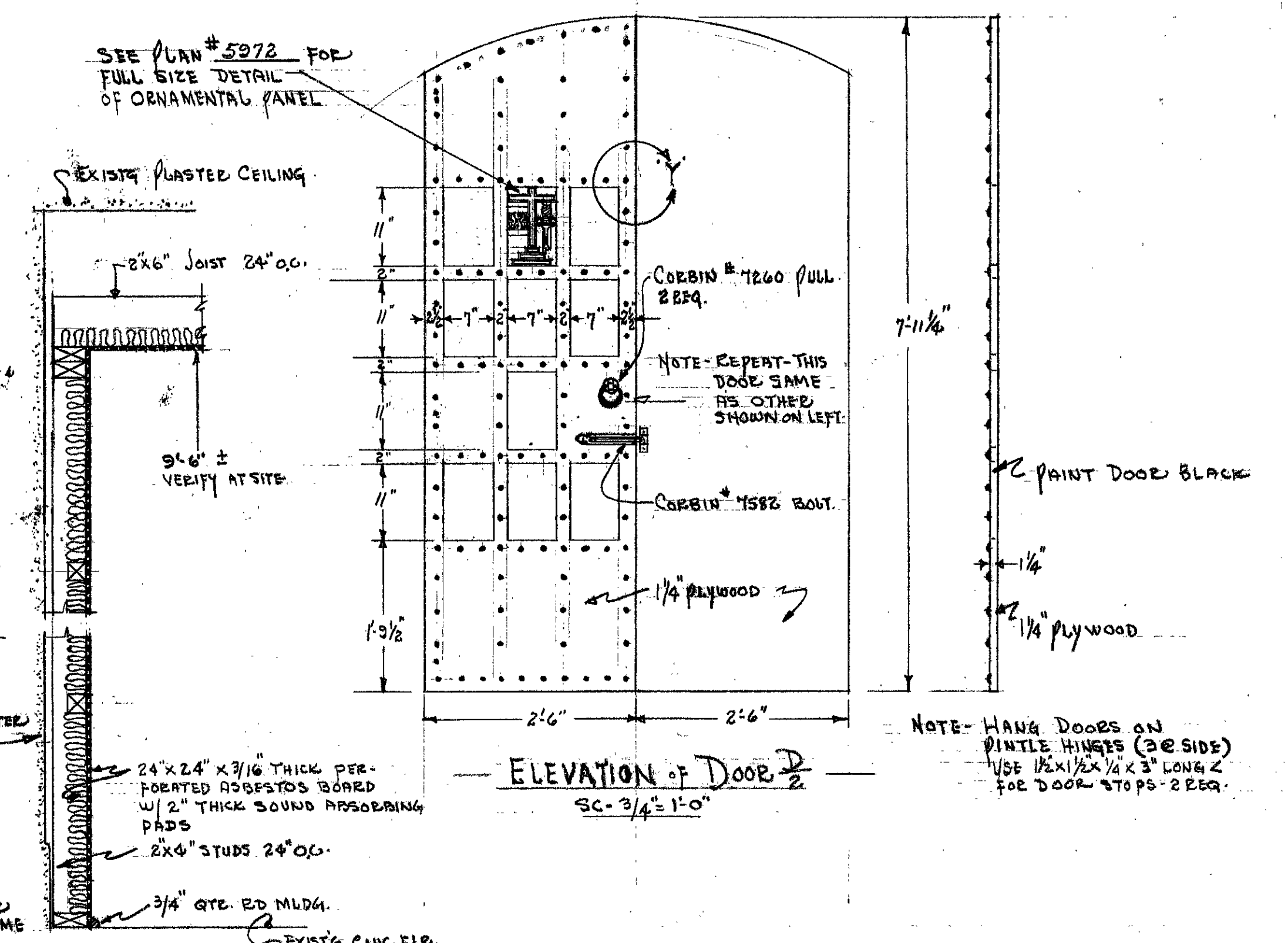
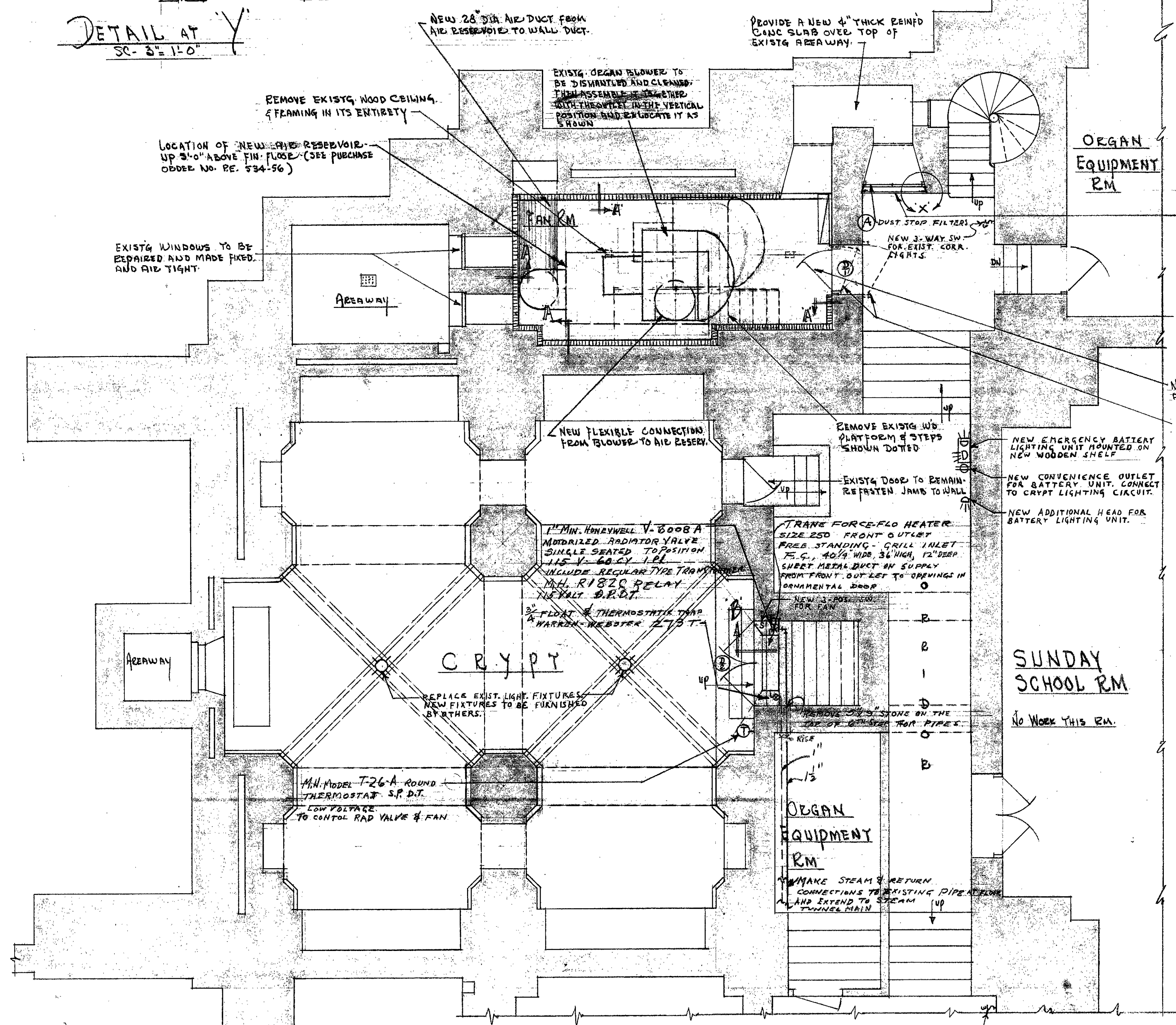
ALTERATIONS AT WOOD BALCONY  
ON  
WEST SIDE OF CHAPEL  
BUILDING NO. 74-722

SUBMITTED BY: <i>[Signature]</i>		APPROVED BY: <i>[Signature]</i>		
SCALE 1/4" = 1'-0"	DRAWN MAMMER	TRACED CASTELLI	CHECKED MAMMER	DATE 13 MAR. 51
				PLAN NO. 5297





DETAIL AT 'Y'  
SC-3/4"=1'-0"

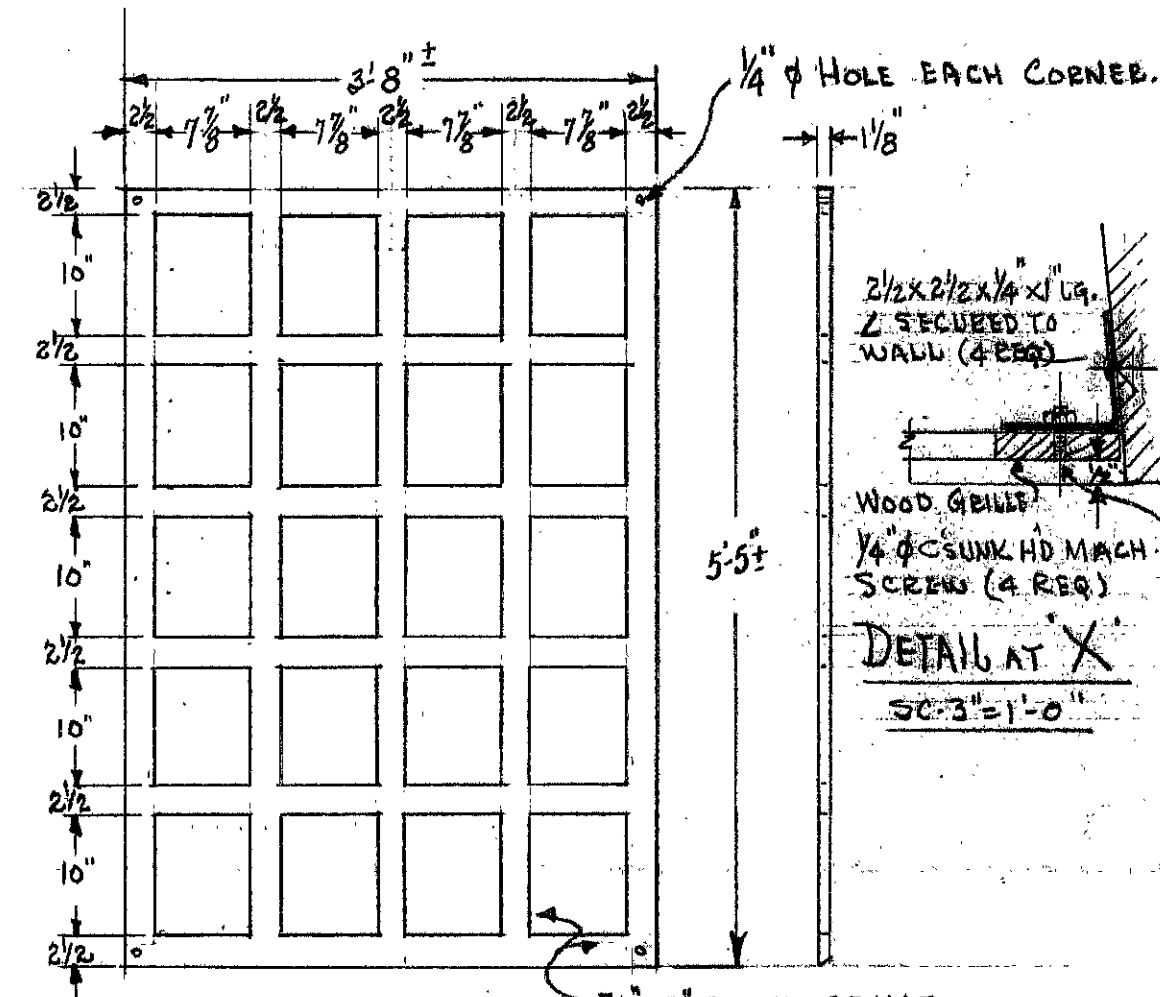


SECT. THRU A  
SC-1/2"=1'-0"

- NOTES:
1. SEE PLAN # 5972 FOR DETAILS OF DOOR D.
  2. SEE PLAN # 5972 FOR DETAILS OF DOOR E.
  3. PAINT NEW WOODWORK ONLY.
  4. RELOCATE EXISTG. ELECT. CONDUIT OVER HEAD OF EXISTG. DOOR TO FAN ROOM. RUN CONDUIT THRU PIPE SLEEVES ABOVE DOOR.

LEGEND

NEW 2"x4" STUD, PERFORATED ASBESTOS BD. PARTITION  
EXISTG. MASONRY WALLS.



DETAIL Z  
SC-3/4"=1'-0"

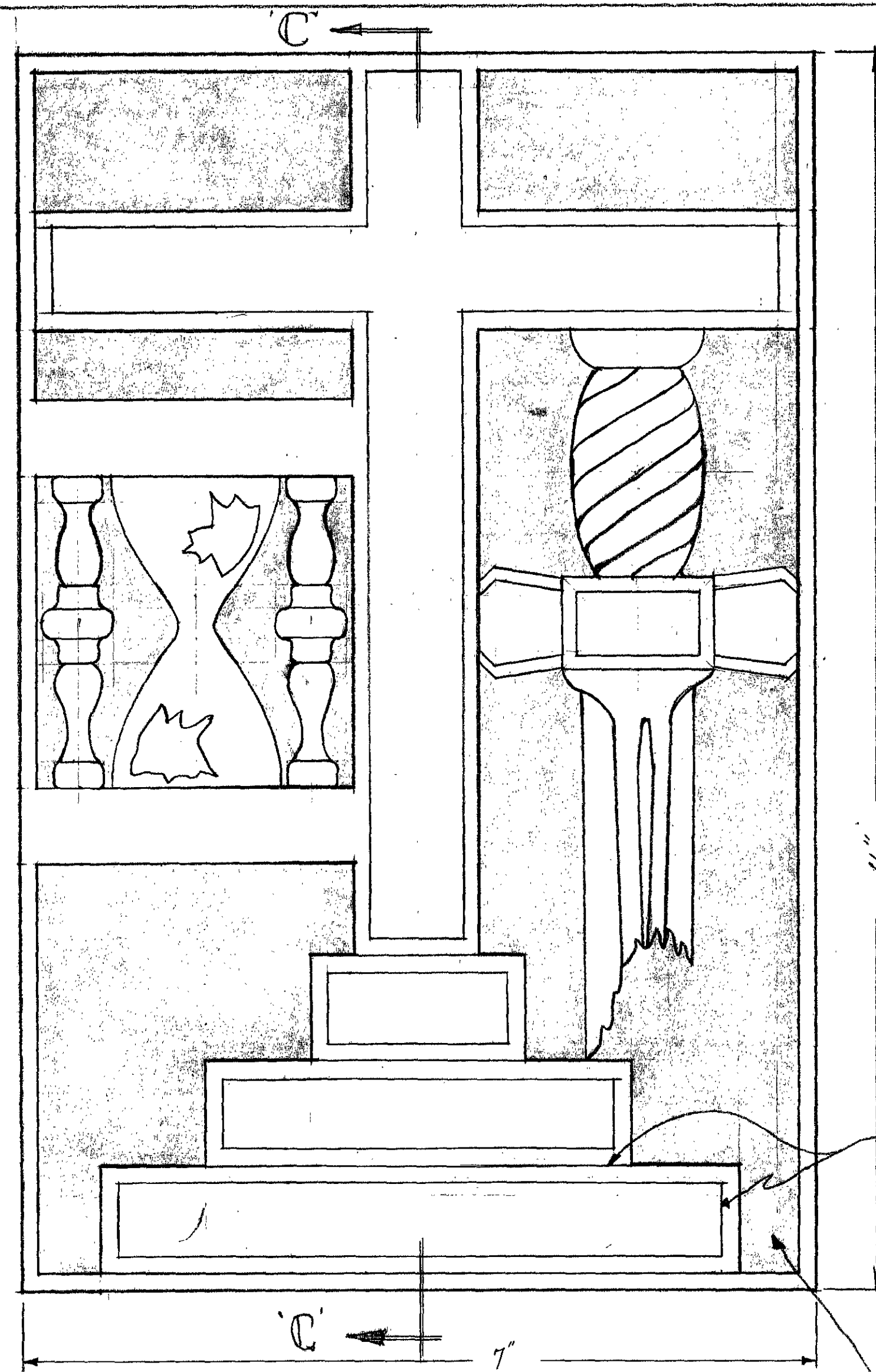
OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

ALTERATIONS TO FAN ROOM  
& CRYPT AT CADET CHAPEL  
BLDG # 722

SUBMITTED BY: C.B. Russell	APPROVED BY:
SCALE	DRAWN
NOTED	DATE
REV.	DATE

REV. FILTERS ADDED JAN. 10, 1956  
REV. CHANGED NOTE FEB. 3, 1956



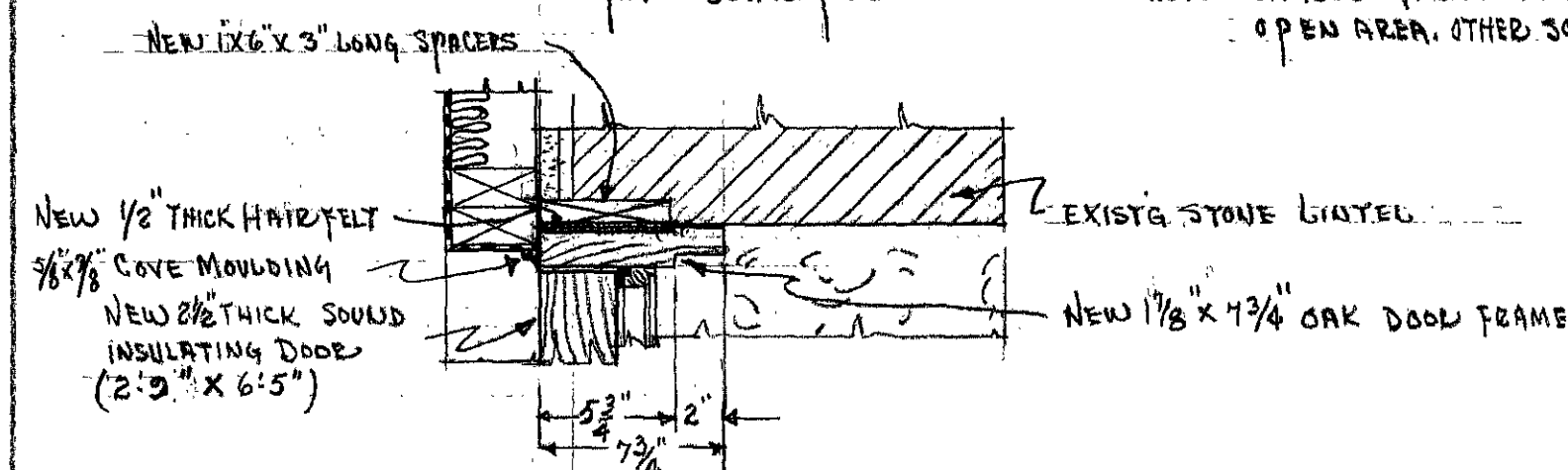


DETAIL OF ORNAMENTAL PANEL  
SC - FULL SIZE

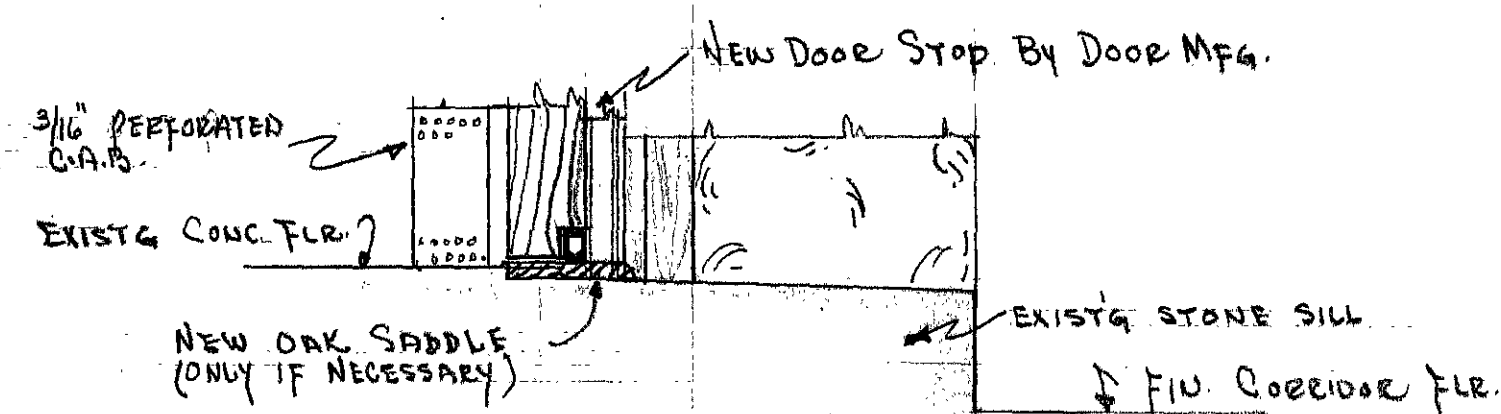
MAT. SUGAR PINE

NOTE - SHADED AREA INDICATES  
OPEN AREA, OTHER SOLID

SECT. THRU 'CC'  
SC - F.S.

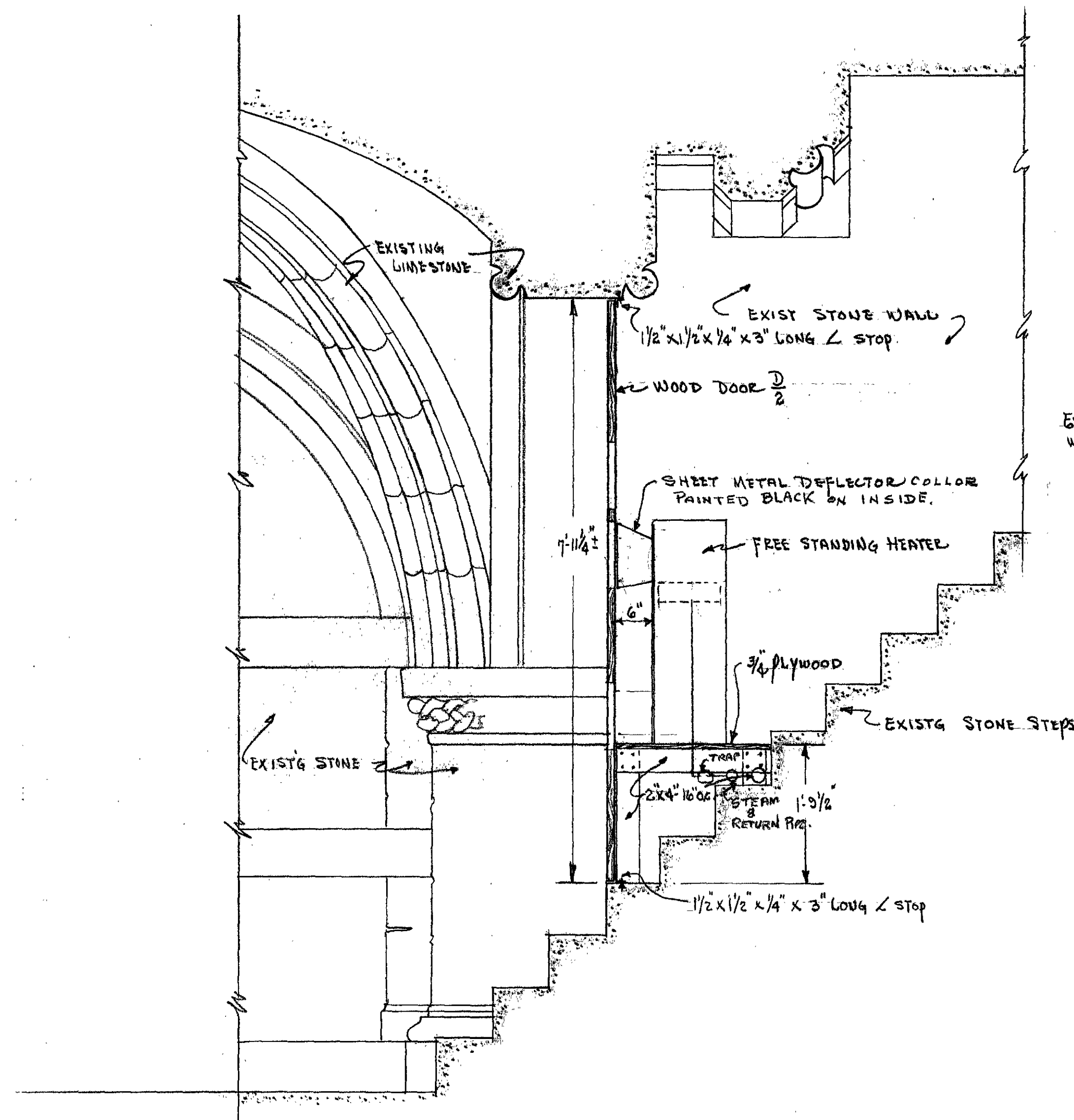


SECT. THRU HEAD  
NOTE - JAMB SIMILAR

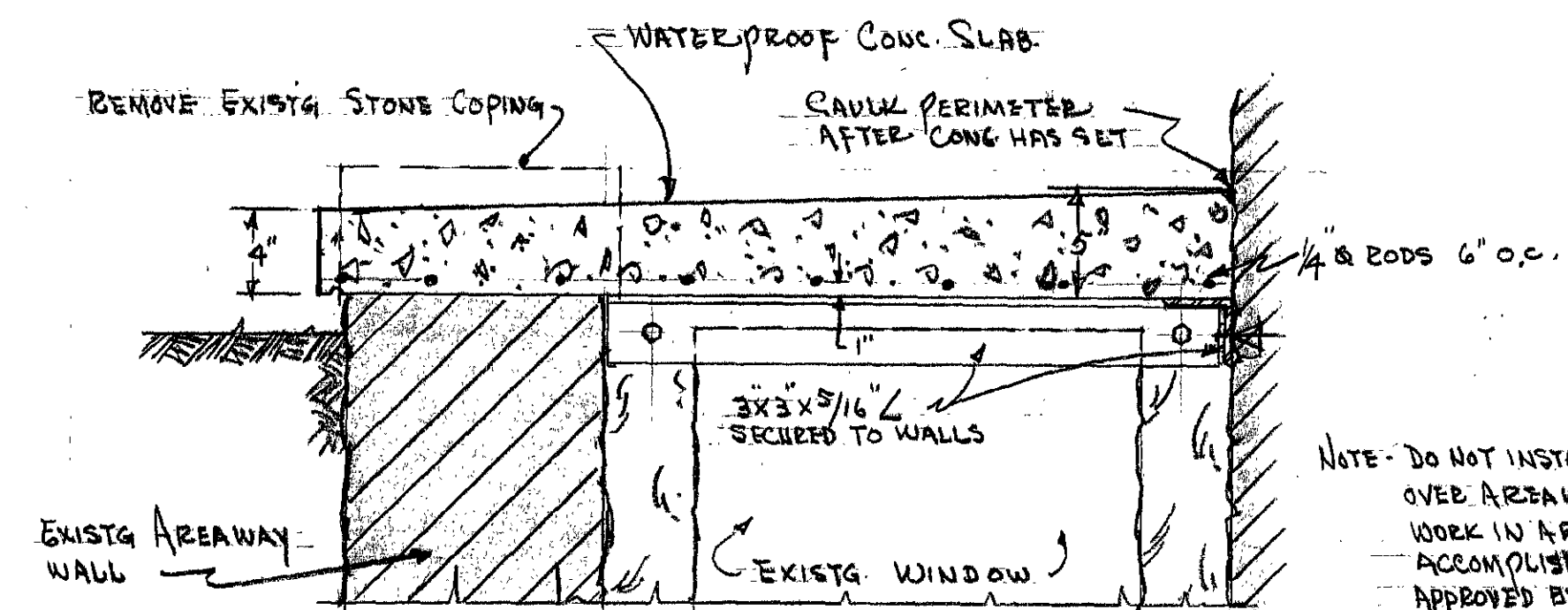


SECT. THRU SILL

SECT. THRU DOOR 'D'  
SC - 1/2" = 1'-0"



SECT. THRU 'B'  
SC - 3/4" = 1'-0"



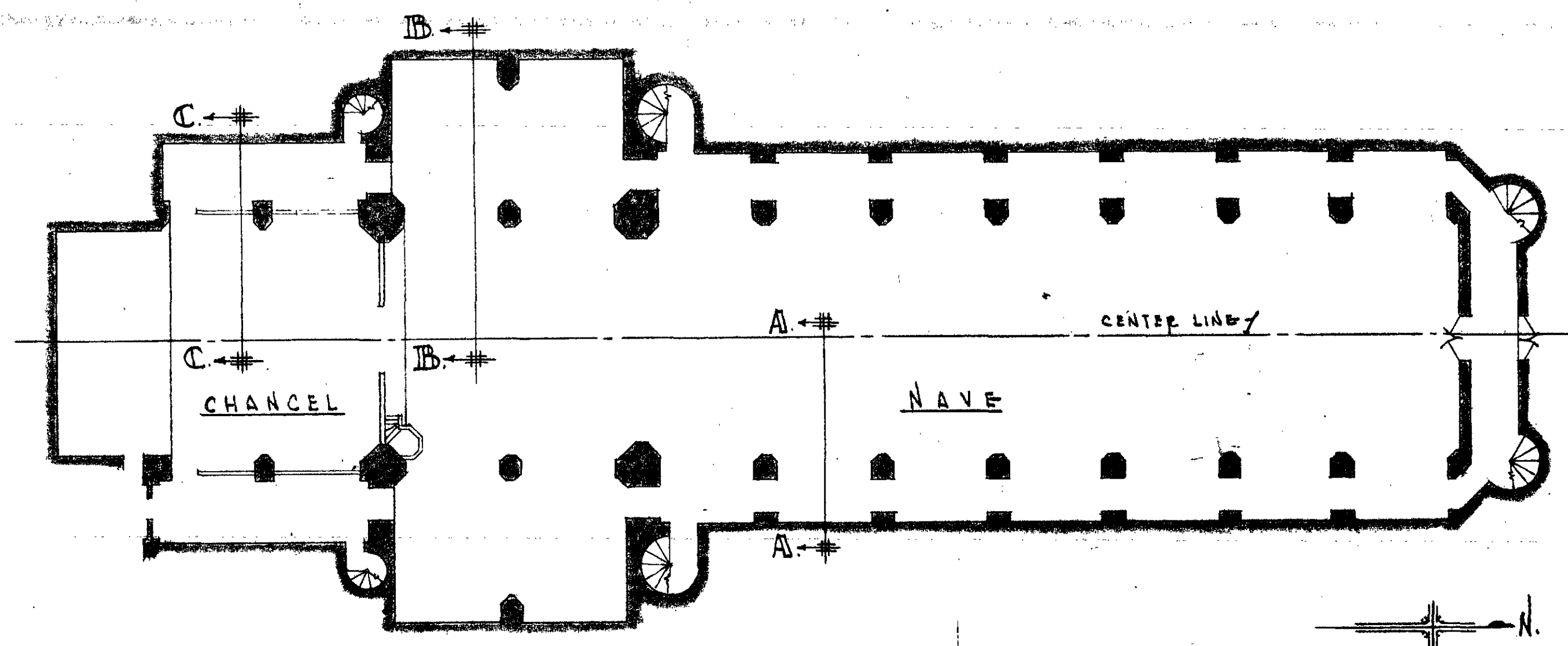
SECT THRU NEW CONC SLAB OVER AREAWAY  
SC - 1/2" = 1'-0"

NOTE - DO NOT INSTALL SLAB  
OVER AREAWAY UNTIL  
WORK IN AREAWAY IS  
ACCOMPLISHED AND  
APPROVED BY THE MECH.  
SECT. OF THE POST ENG'G  
SECT.

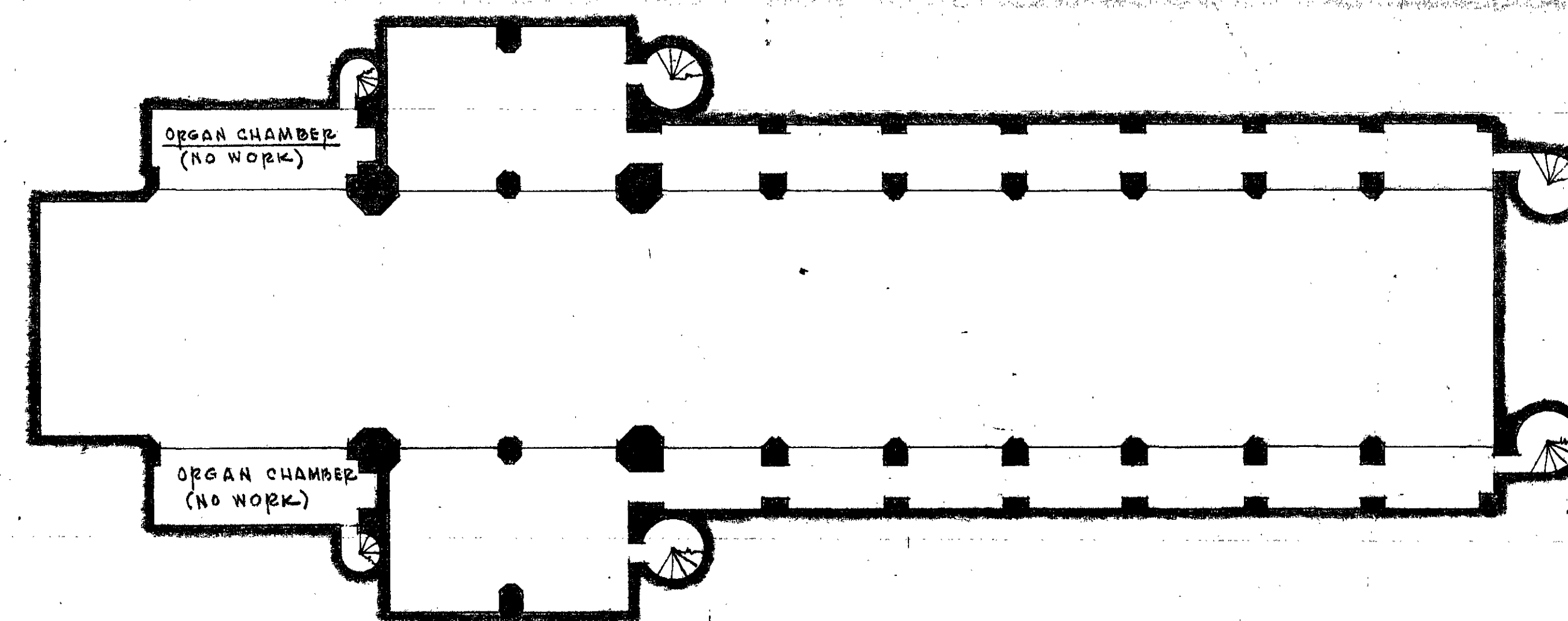
SEE PLAN NO. 5911 FOR PLAN LAYOUT

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
ALTERATIONS TO FAN ROOM & CRYPT AT CADET CHAPEL BLDG # 722					
SUBMITTED BY: C. B. Russell			APPROVED BY:		
SCALE NOTED	DRAWN BLM SEE	TRACED	CHECKED JRM	DATE 10 DEC 55	PLAN NO. 5972

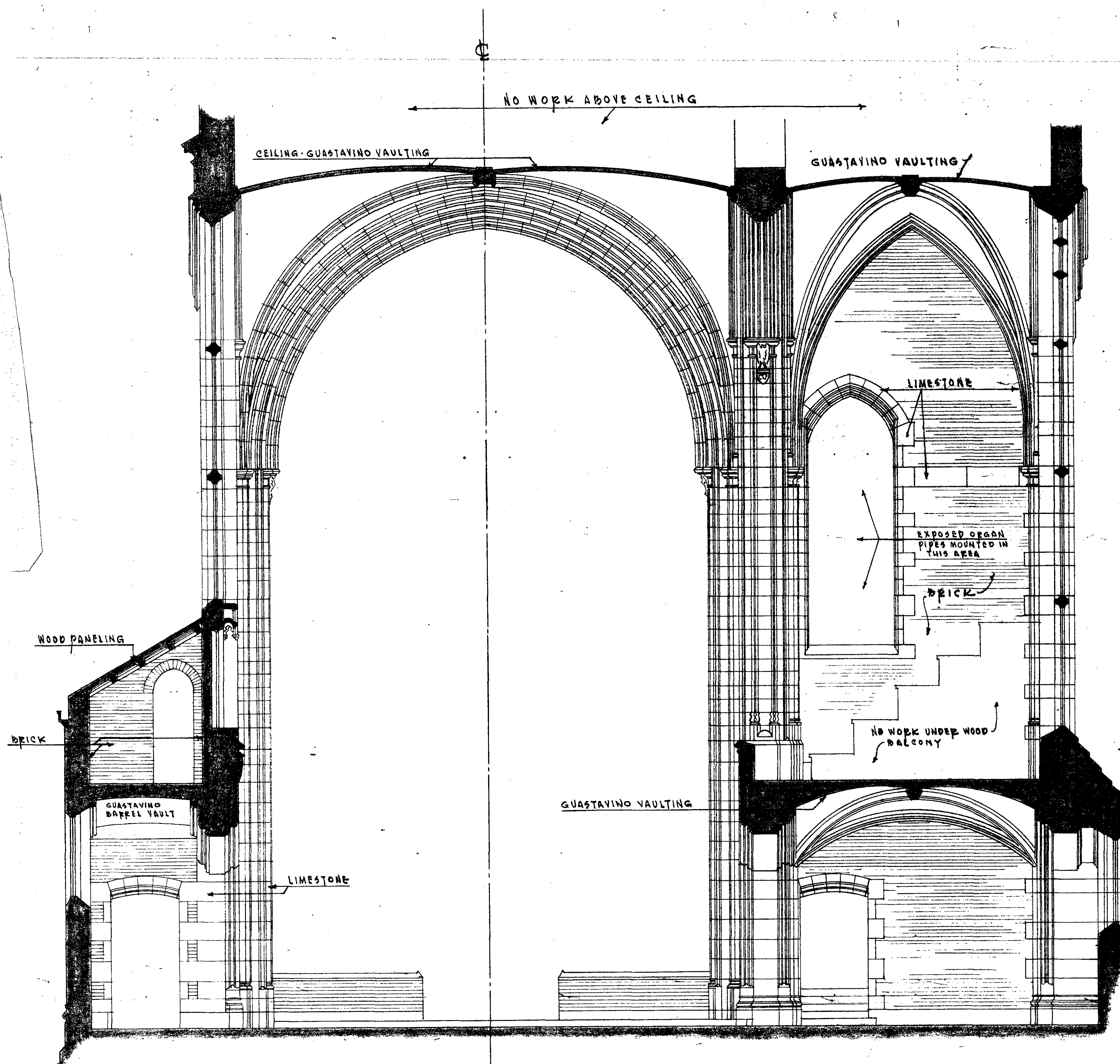




— FIRST FLOOR PLAN —  
SCALE 1/16" = 1'-0"

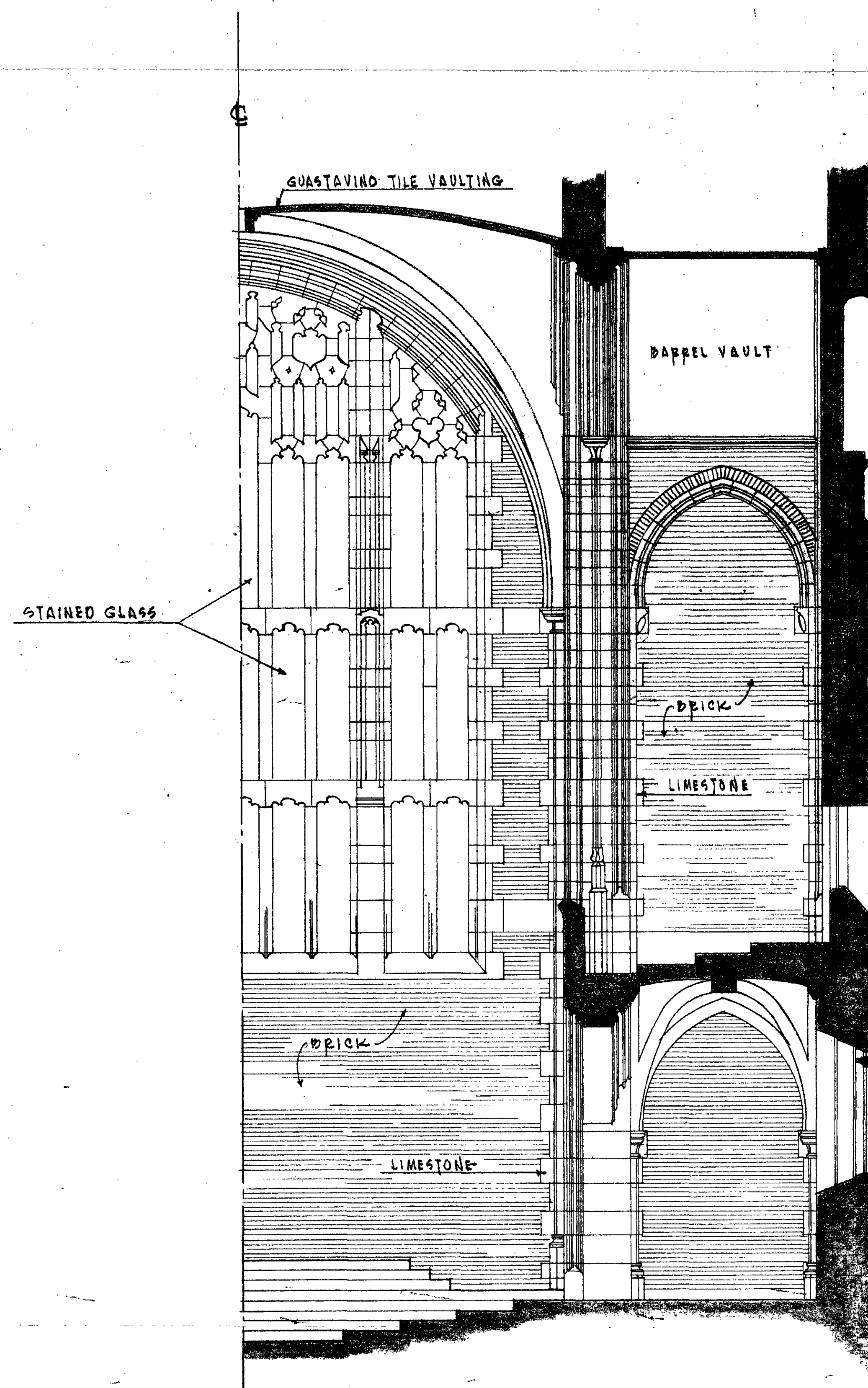


— PLAN ABOVE TRIFORIUM —  
SCALE 1/16" = 1'-0"



— ONE-HALF SECTION THROUGH NAVE ON —  
— LINE A-A - LOOKING SOUTH —  
SCALE 1/4" = 1'-0"

— ONE-HALF SECTION THROUGH TRANSEPT —  
— ON LINE B-B - LOOKING SOUTH —  
SCALE 1/4" = 1'-0"



— ONE-HALF SECTION THROUGH CHANCEL —  
— ON LINE C-C - LOOKING SOUTH —  
SCALE 1/4" = 1'-0"  
(ORGAN CHAMBER NOT SHOWN)

#### GENERAL NOTES

- 1- WASH ALL WOOD AND METAL SURFACES
- 2- WASH AND CLEAN ALL CEILINGS
- 3- PATCH ALL CRACKED BRICK, LIMESTONE AND CEMENT STONE
- 4- PATCH ALL DETERIORATED BRICK, LIMESTONE AND CEMENT STONE
- 5- REPOINT ALL DETERIORATED, LOOSE AND CRACKED JOINTS IN MASONRY WALLS, CEILINGS AND TRIM
- 6- NO WORK IN BASEMENT
- 7- NO WORK ABOVE FIRST AND TRIFORIUM CEILINGS
- 8- STAIR TOWERS WILL BE CLEANED, WASHED, PATCHED, REPOINTED, ETC., FROM TOP TO BOTTOM IN ITS ENTIRETY
- 9- STAINED GLASS WINDOWS NOT TO BE WASHED BUT MUST BE PROTECTED FROM DRIPPINGS.

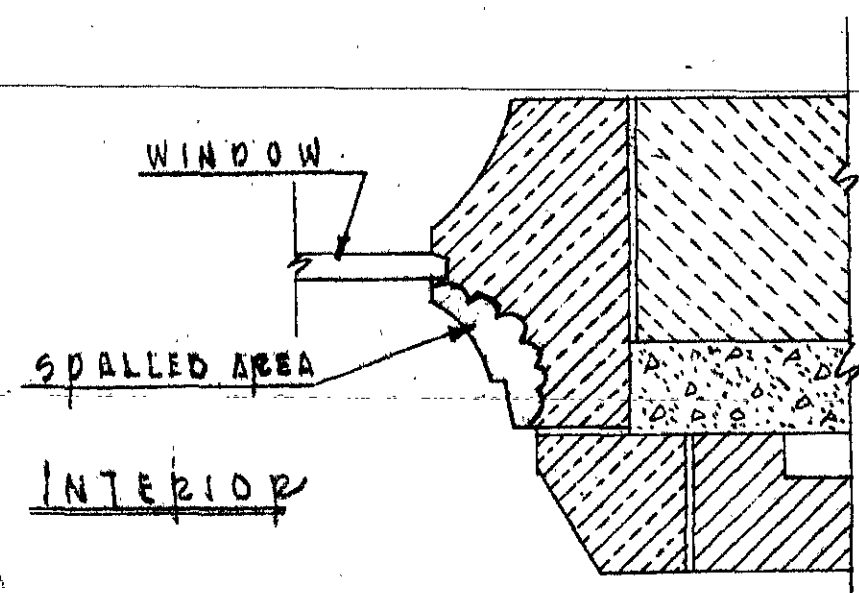
OFFICE OF THE POST ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

REHABILITATION OF INTERIOR  
AT CADET CHAPEL  
BUILDING No 722

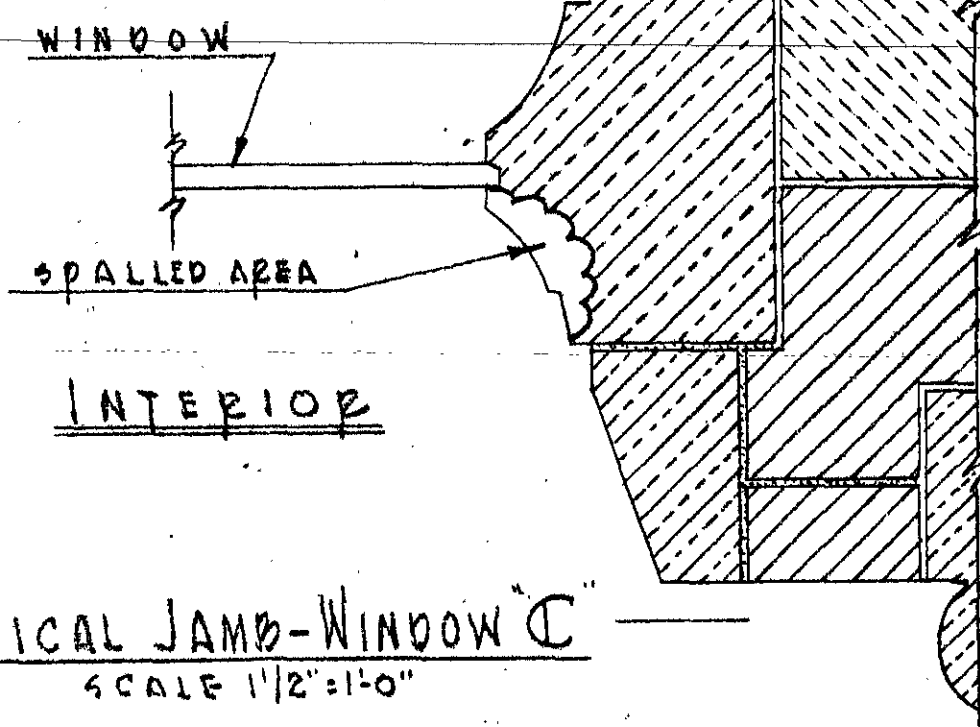
SUBMITTED BY: APPROVED BY:

SCALE DRAWN TRACED CHECKED DATE PLAN  
NOTED CASTELL 22 MAR 57 NO. 6113

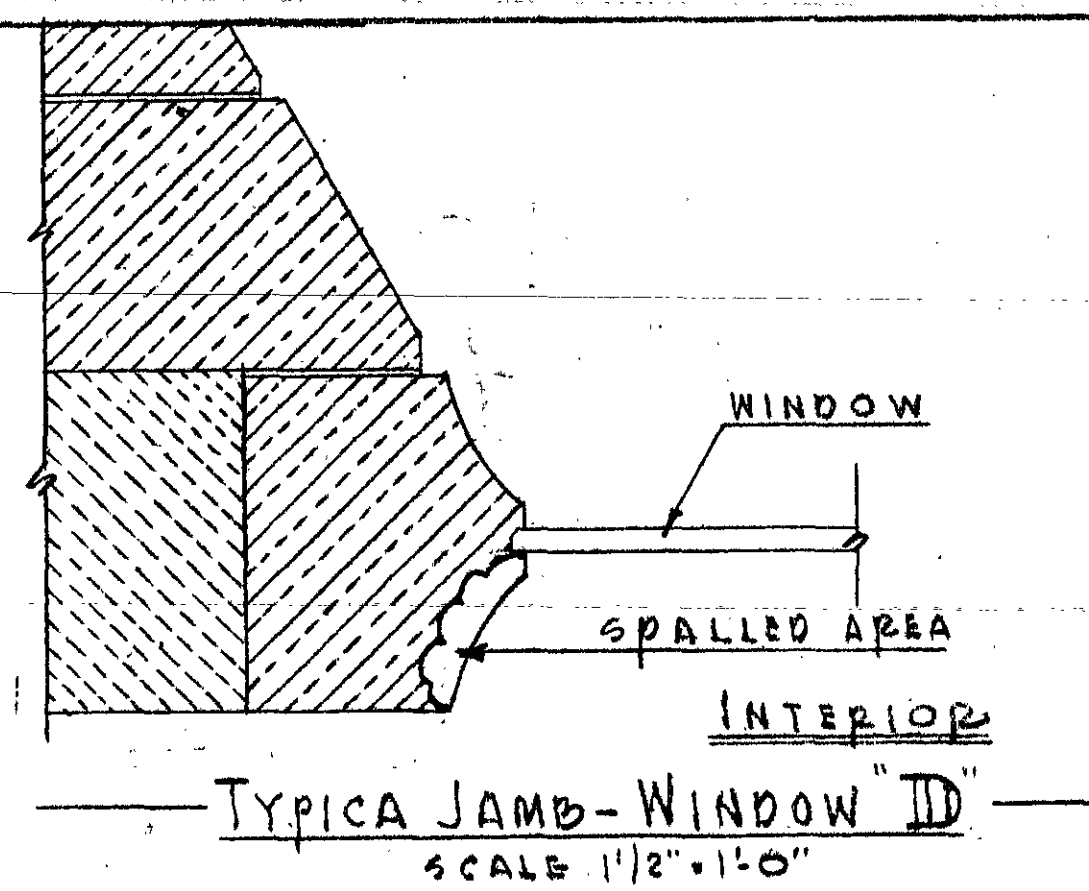




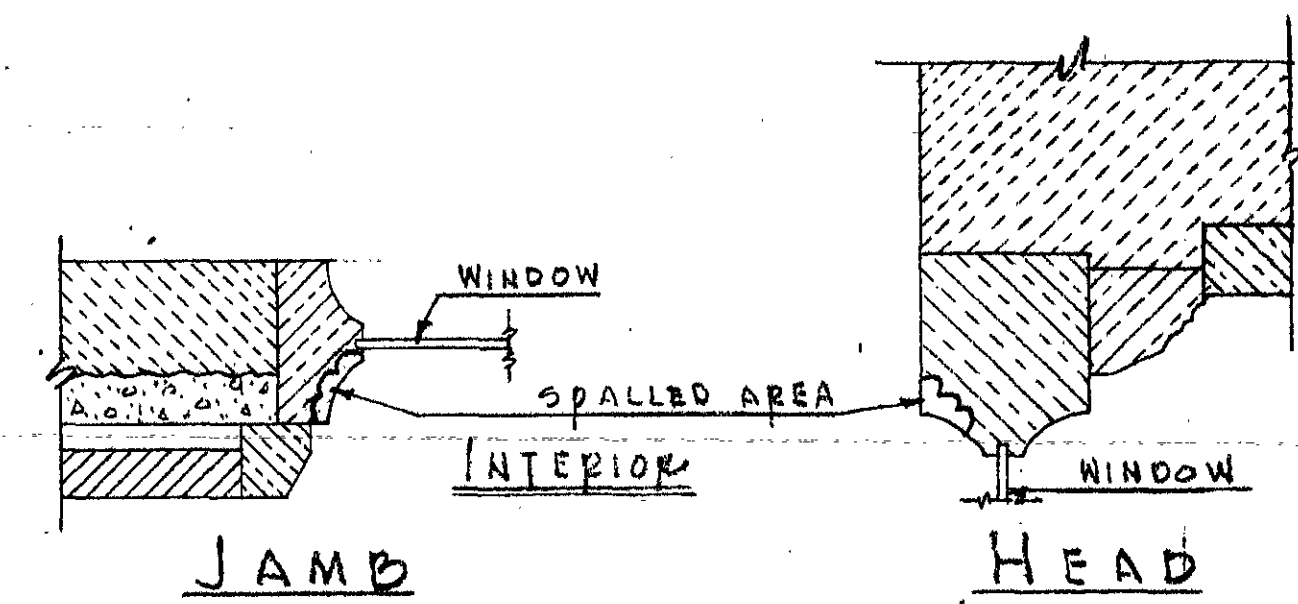
— TYPICAL JAMB-WINDOW "A" —  
SCALE 1 1/2" = 1'-0"



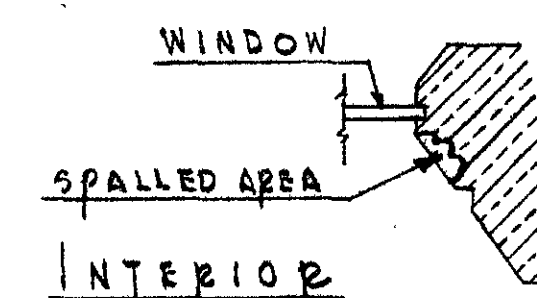
— TYPICAL JAMB-WINDOW "C" —  
SCALE 1 1/2" = 1'-0"



— TYPICAL JAMB-WINDOW "D" —  
SCALE 1 1/2" = 1'-0"

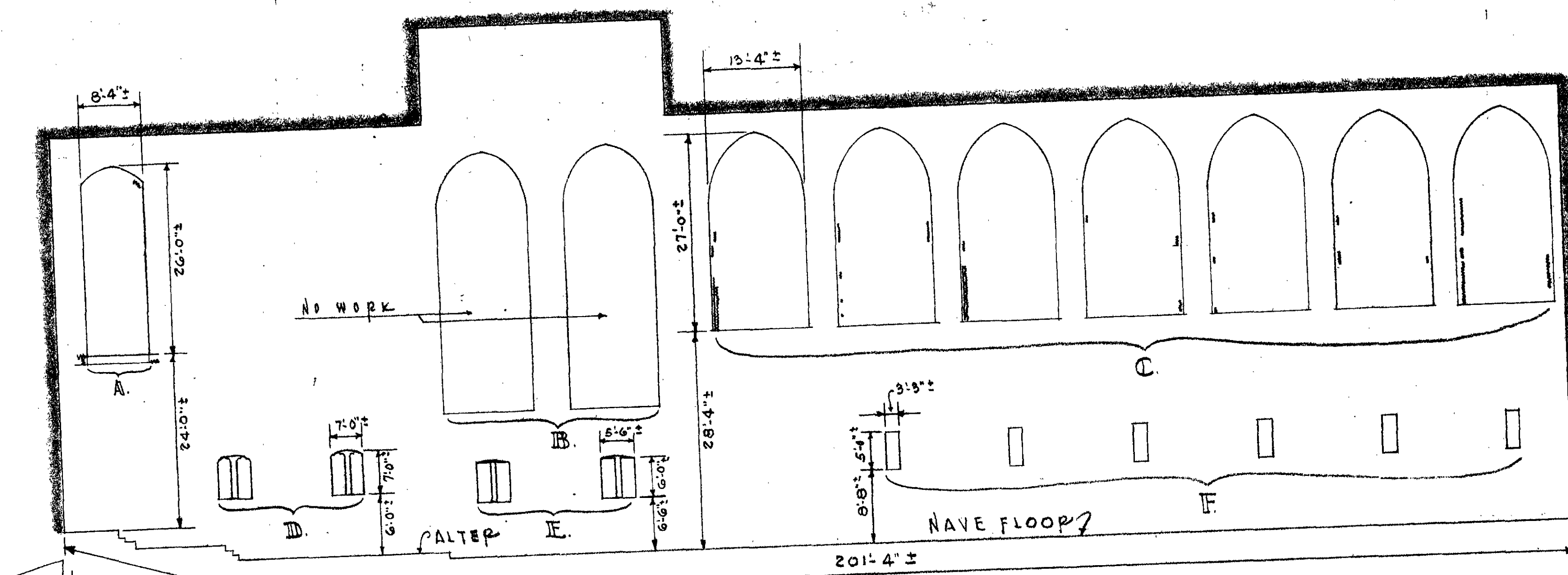


— TYPICAL DETAIL FOR WINDOW "E" —  
SCALE 3/4" = 1'-0"



— TYPICAL JAMB-WINDOW "F" —  
SCALE 3/4" = 1'-0"

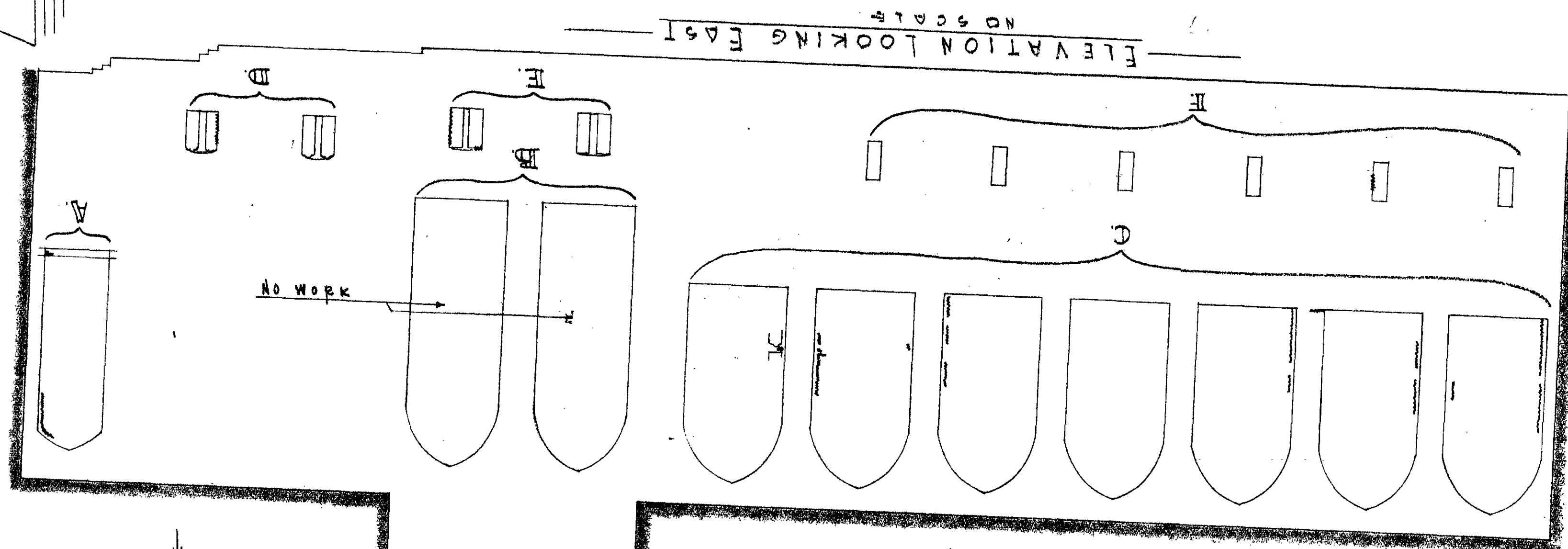
- LEGEND —
- = BRICKWORK
  - = CONCRETE
  - = ASHLAP
  - = LIMESTONE
  - = LOCATION OF SPALLED AREAS



— ELEVATION LOOKING WEST —  
NO SCALE  
(DIMENSIONS FOR EAST ELEVATION SAME AS ABOVE)

C E N T E R A I S L E

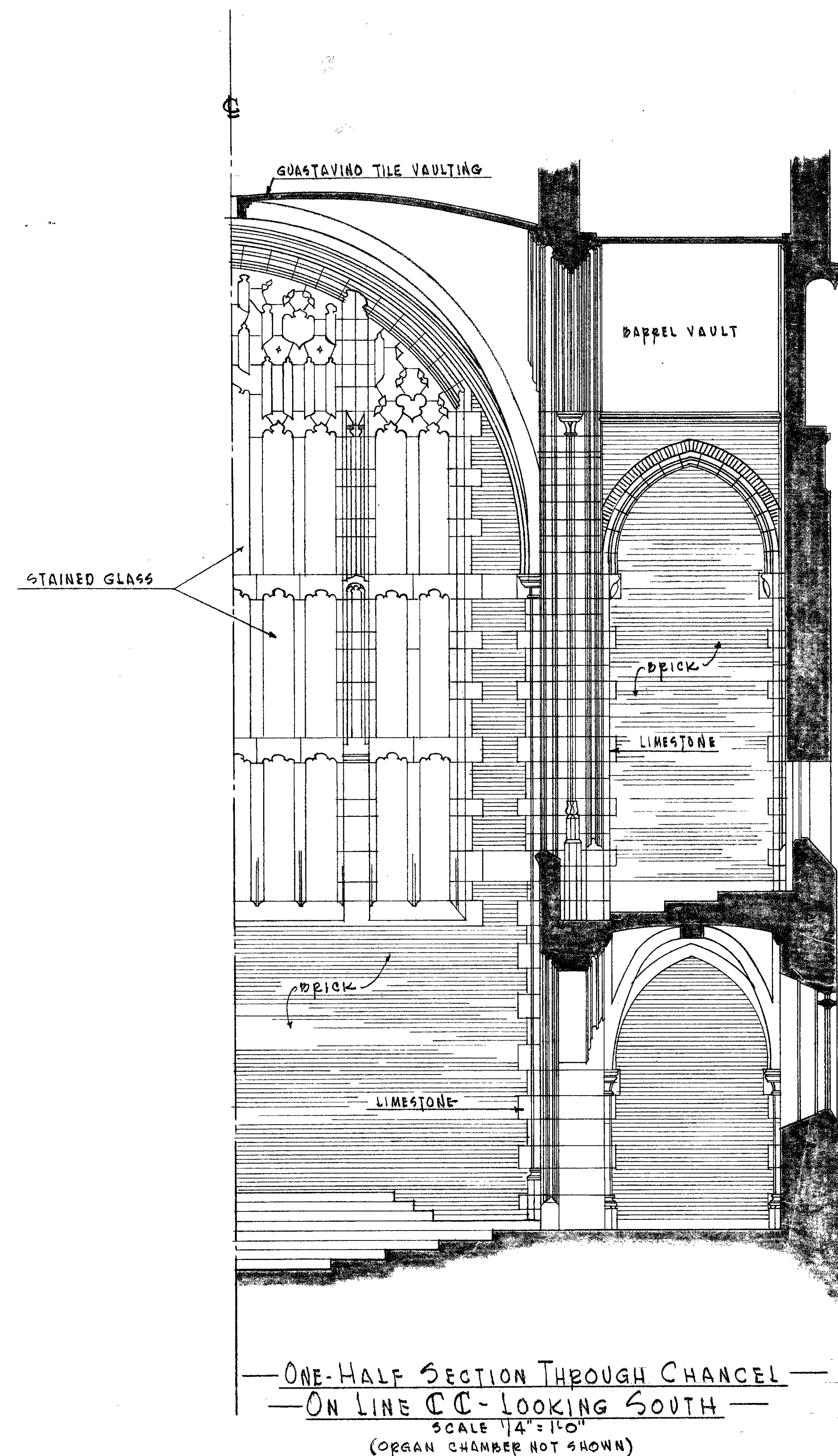
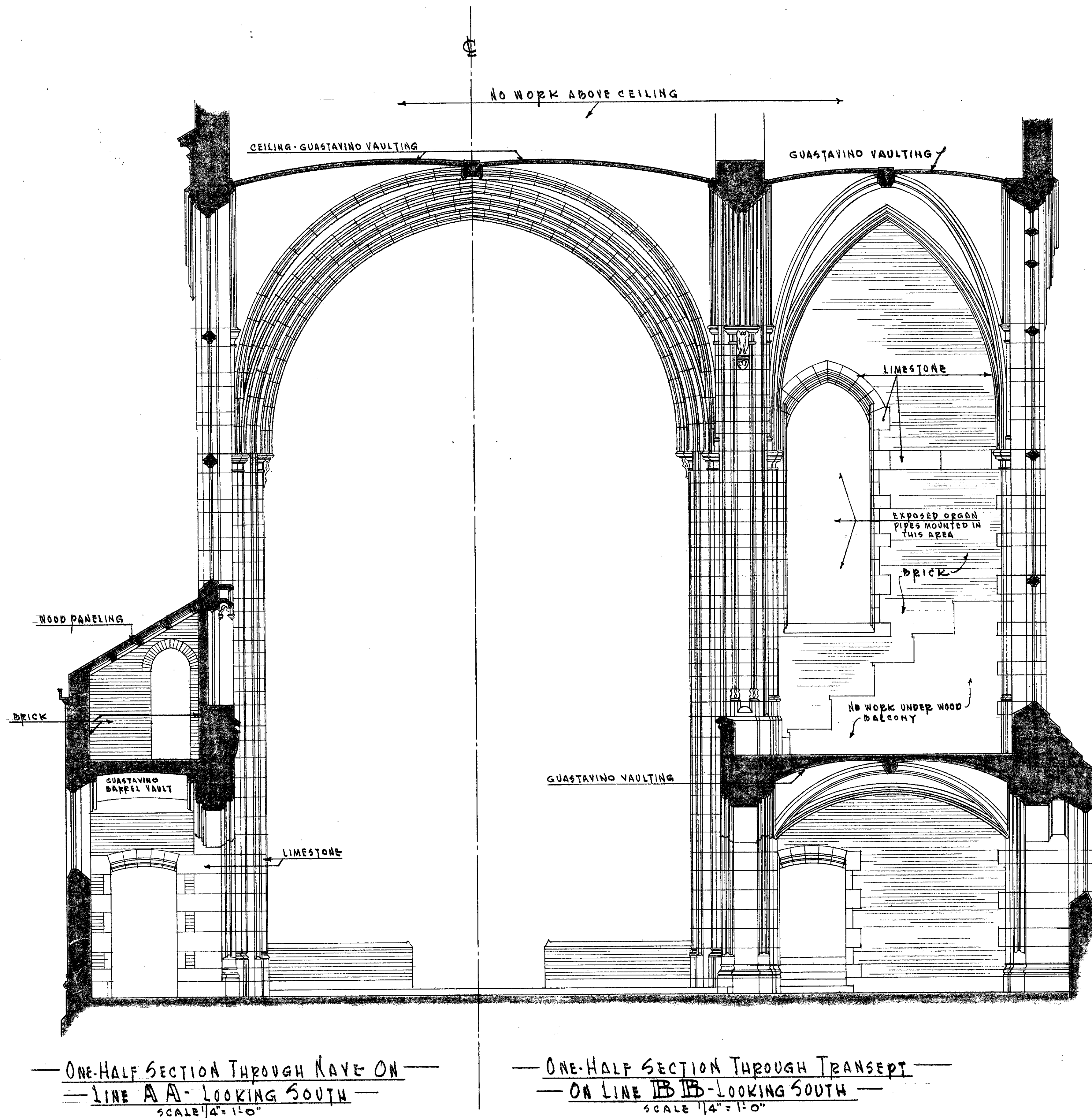
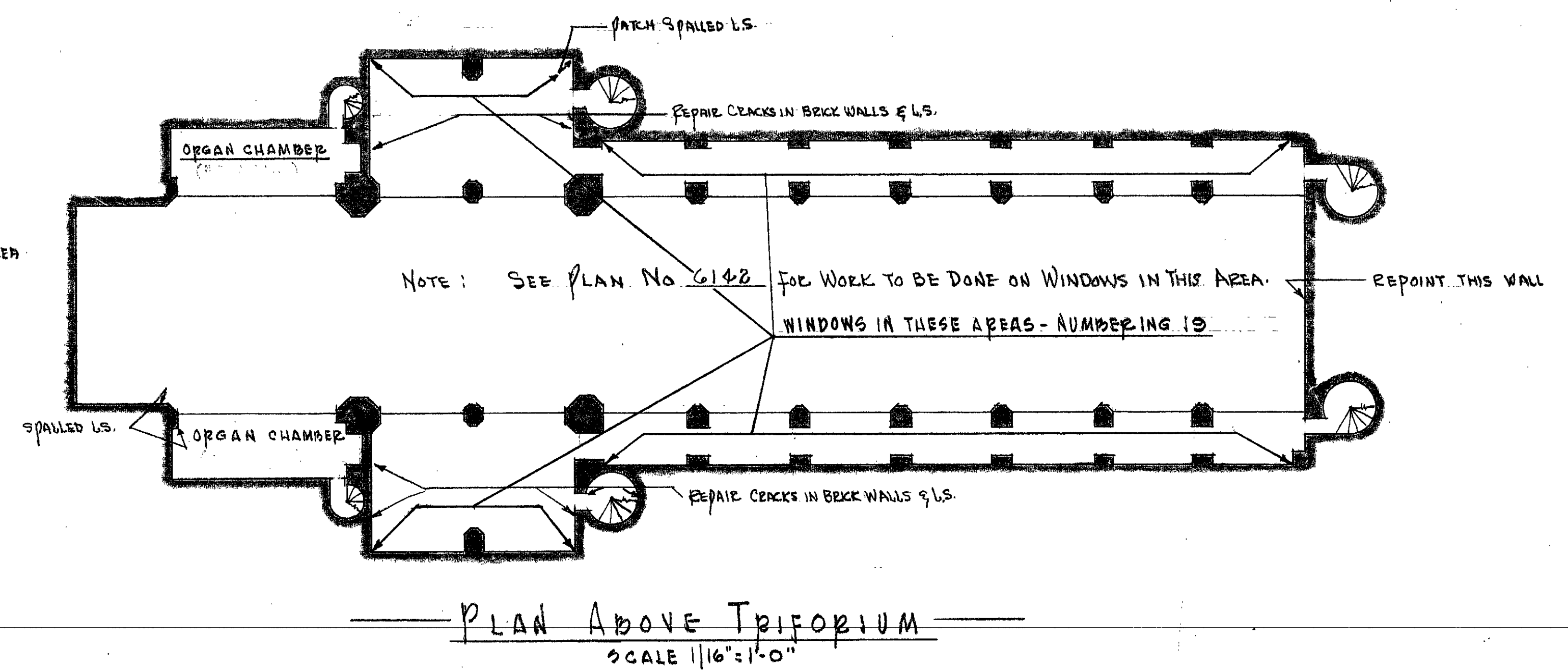
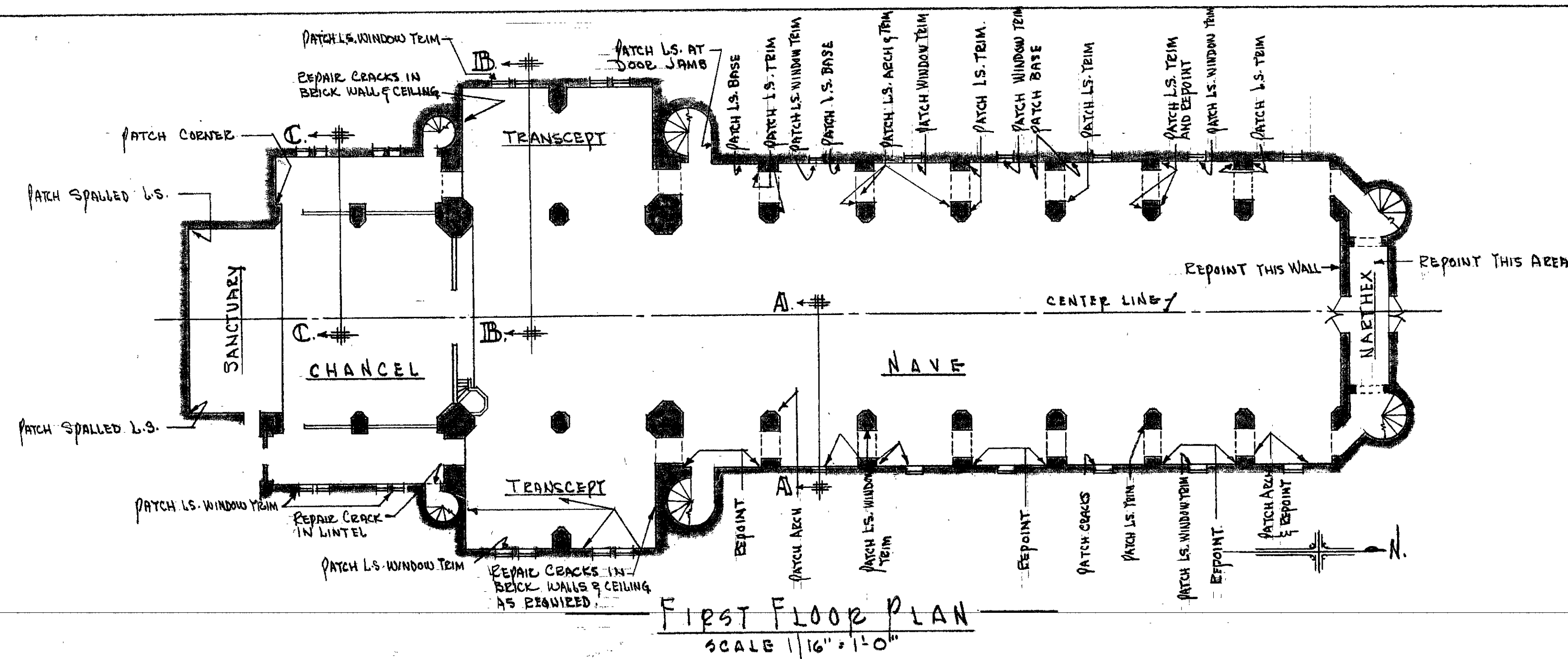
ENTRANCE



— ELEVATION LOOKING EAST —  
NO SCALE

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
REHABILITATION OF INTERIOR AT CADET CHAPEL BUILDING NO 722					
SUBMITTED BY:			APPROVED BY:		
SCALE NOTED	DRAWN CASTELLI	TRACED	CHECKED	DATE 10 MAY 57	PLAN NO. 6128

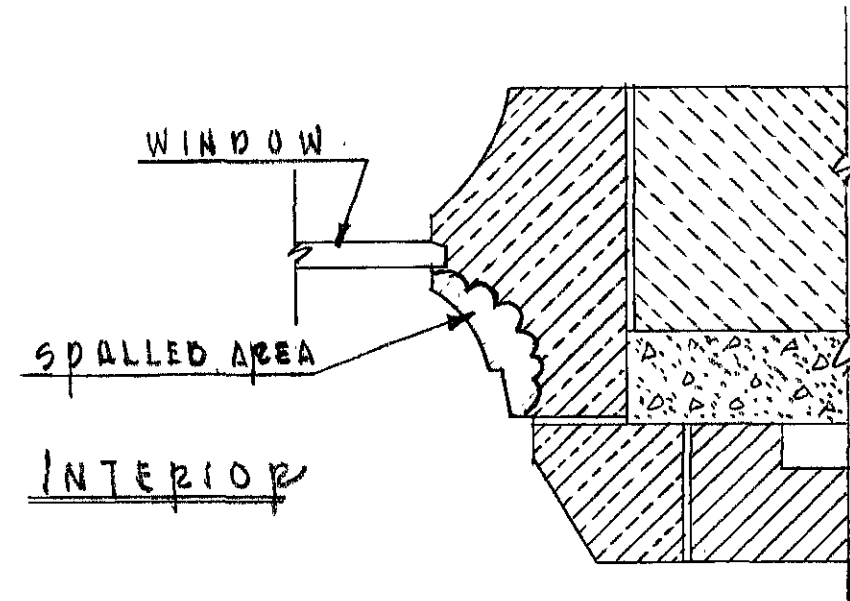




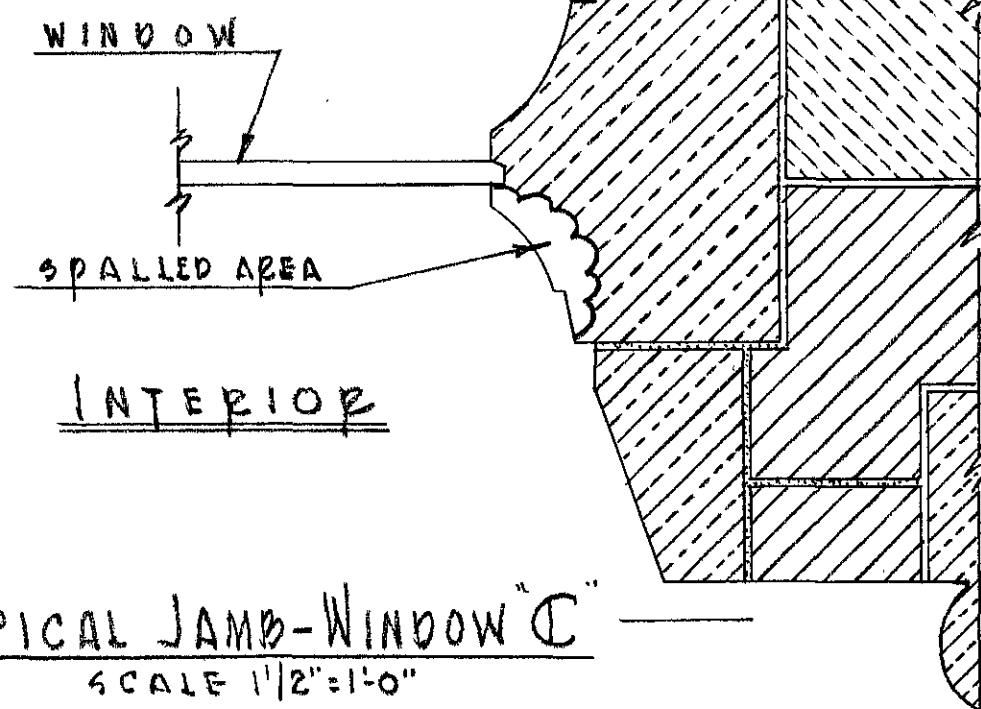
NOTE: SEE PLAN NOS. G142 & G143 FOR WORK TO BE DONE ON WINDOWS

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
RESTORATION OF MASONRY CADET CHAPEL LOG #122					
SUBMITTED BY: <i>W. H. Miller</i>		APPROVED BY:			
SCALE	DRAWN	TRACED	CHECKED	DATE	PLAN NO.
NOTED (KATRU)				16 JUN 57	6141

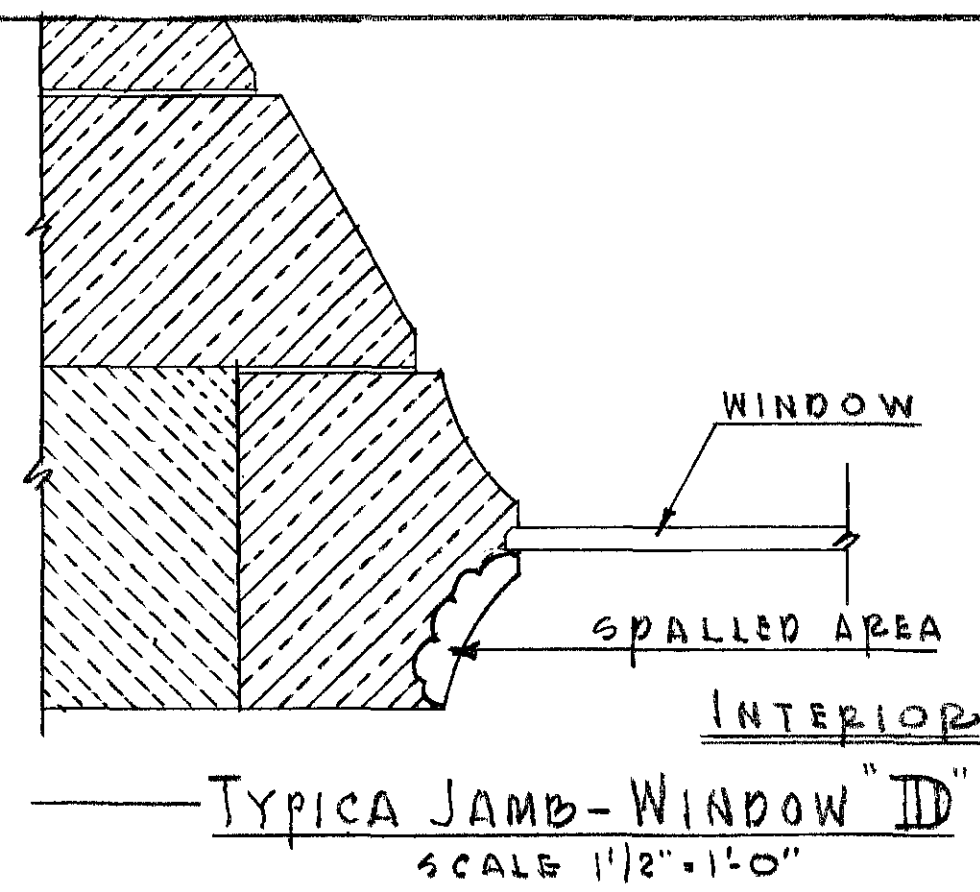




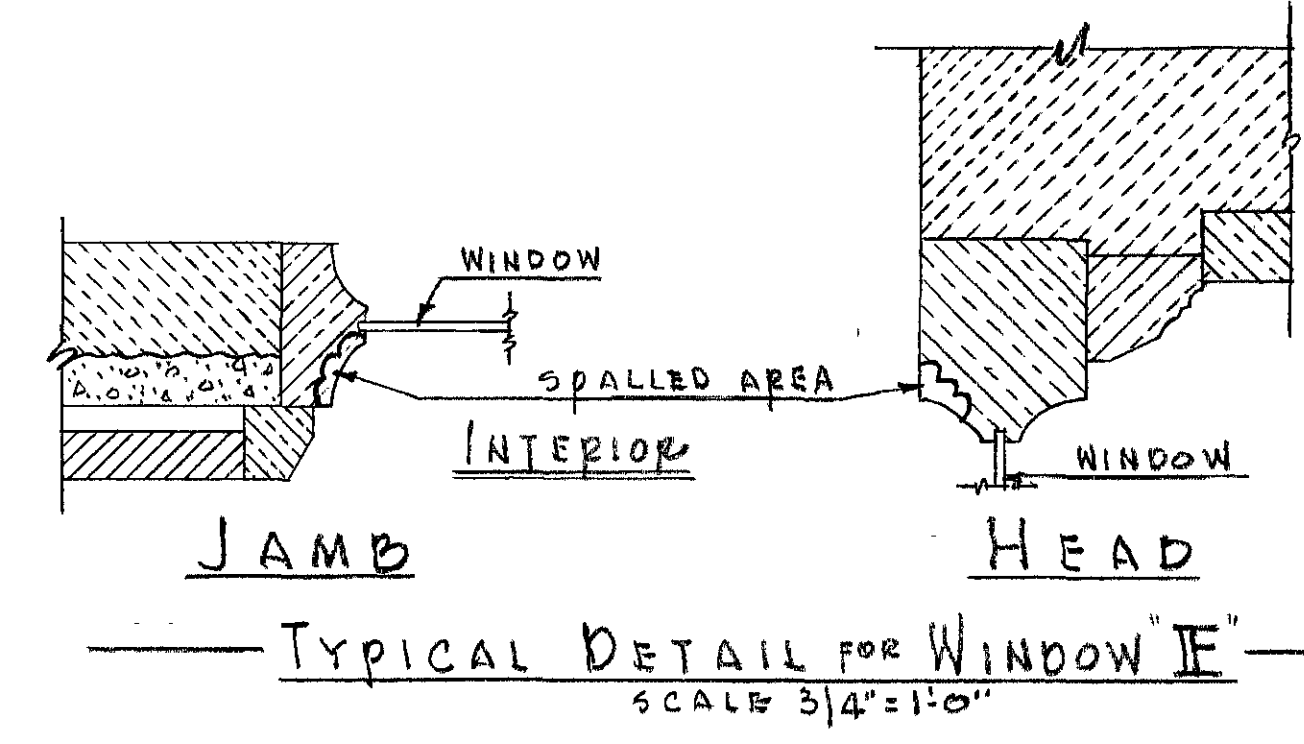
— TYPICAL JAMB-WINDOWS "A" —  
SCALE 1 1/2" = 1'-0"



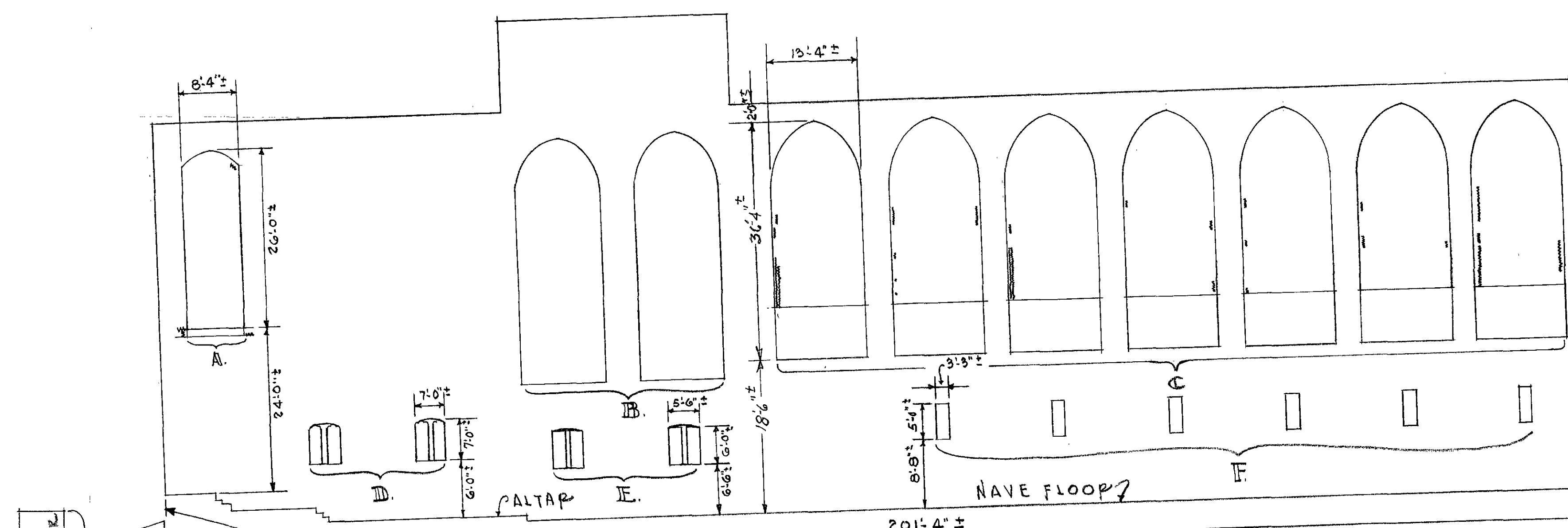
— TYPICAL JAMB-WINDOW "C" —  
SCALE 1 1/2" = 1'-0"



— TYPICAL JAMB-WINDOW "D" —  
SCALE 1 1/2" = 1'-0"



— TYPICAL DETAIL FOR WINDOW "E" —  
SCALE 3/4" = 1'-0"

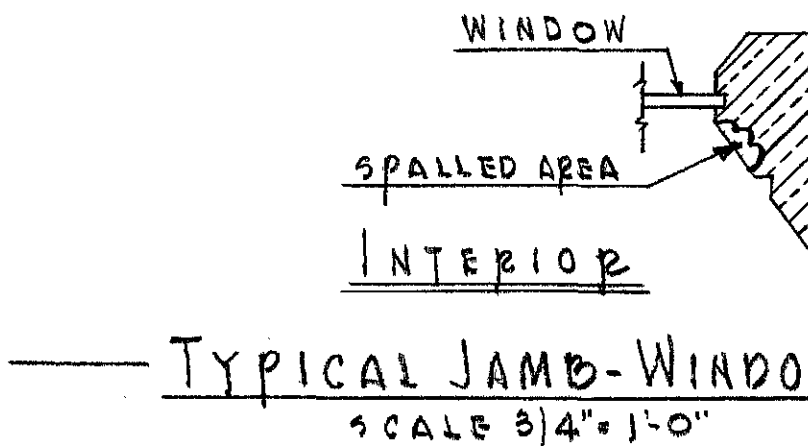


— ELEVATION LOOKING WEST —  
NO SCALE  
(DIMENSIONS FOR EAST ELEVATION SAME AS ABOVE)

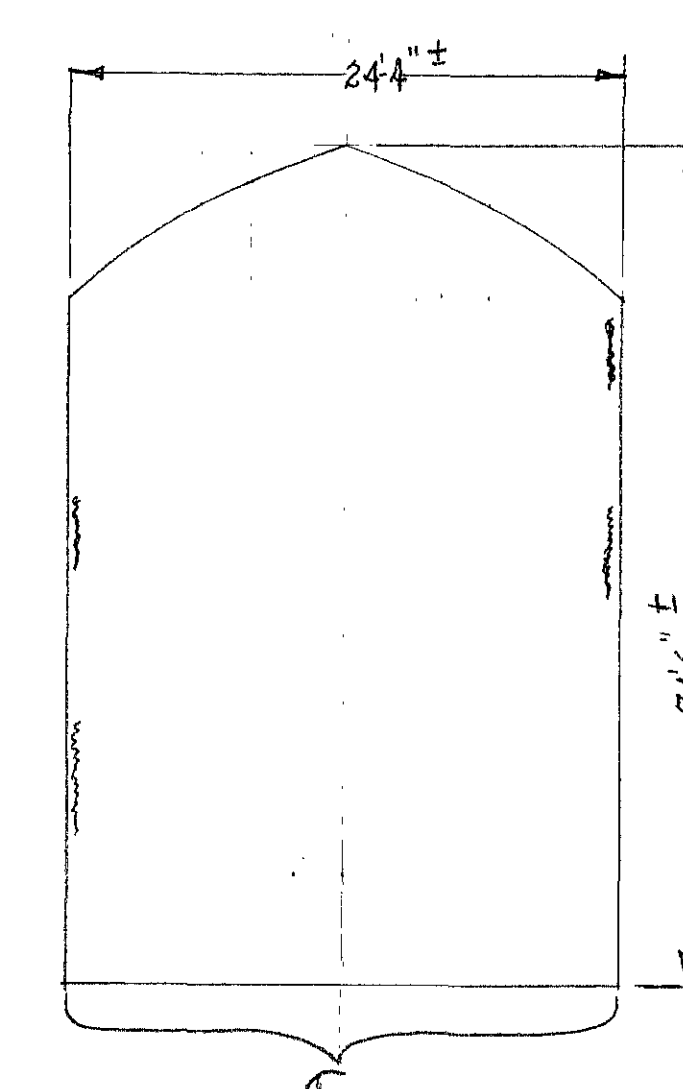
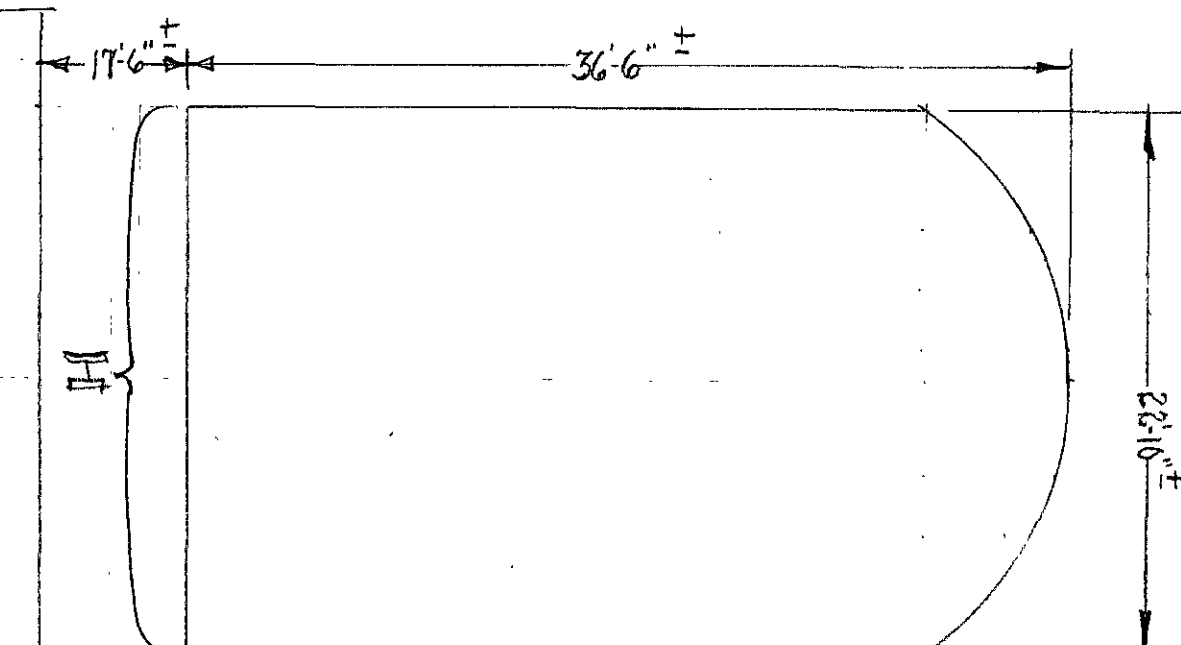
C E N T E R A I S L E

ENTRANCE

— ELEVATION LOOKING EAST —  
NO SCALE



— TYPICAL JAMB-WINDOW "F" —  
SCALE 3/4" = 1'-0"



— LEGEND —

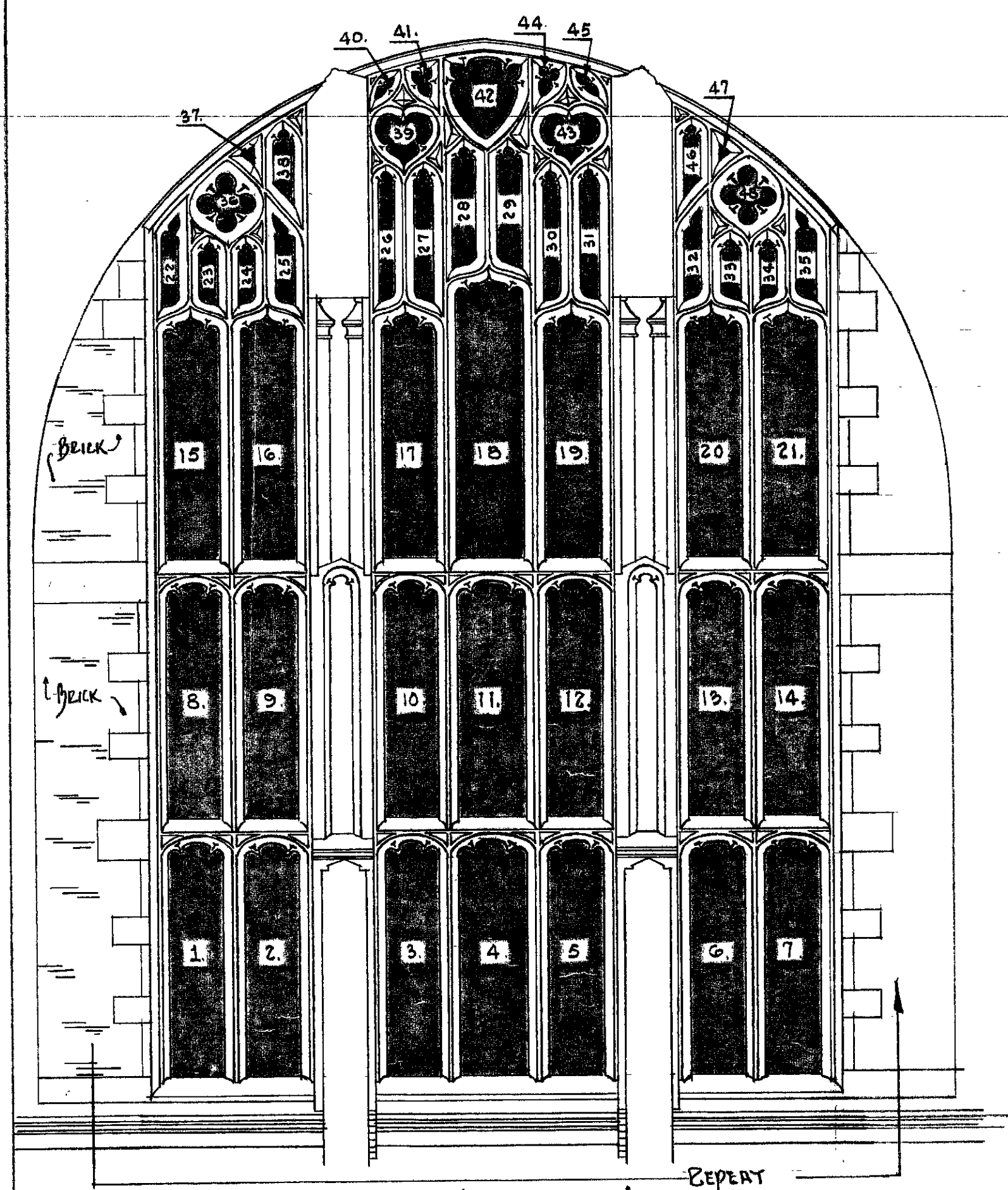
- EXISTING BRICKWORK
- EXISTING CONCRETE
- EXISTING ASHLAR
- EXISTING LIMESTONE
- LOCATION OF SPALLED AREAS

NOTE: SEE PLAN NO. 6143 FOR WINDOW ELEVATIONS

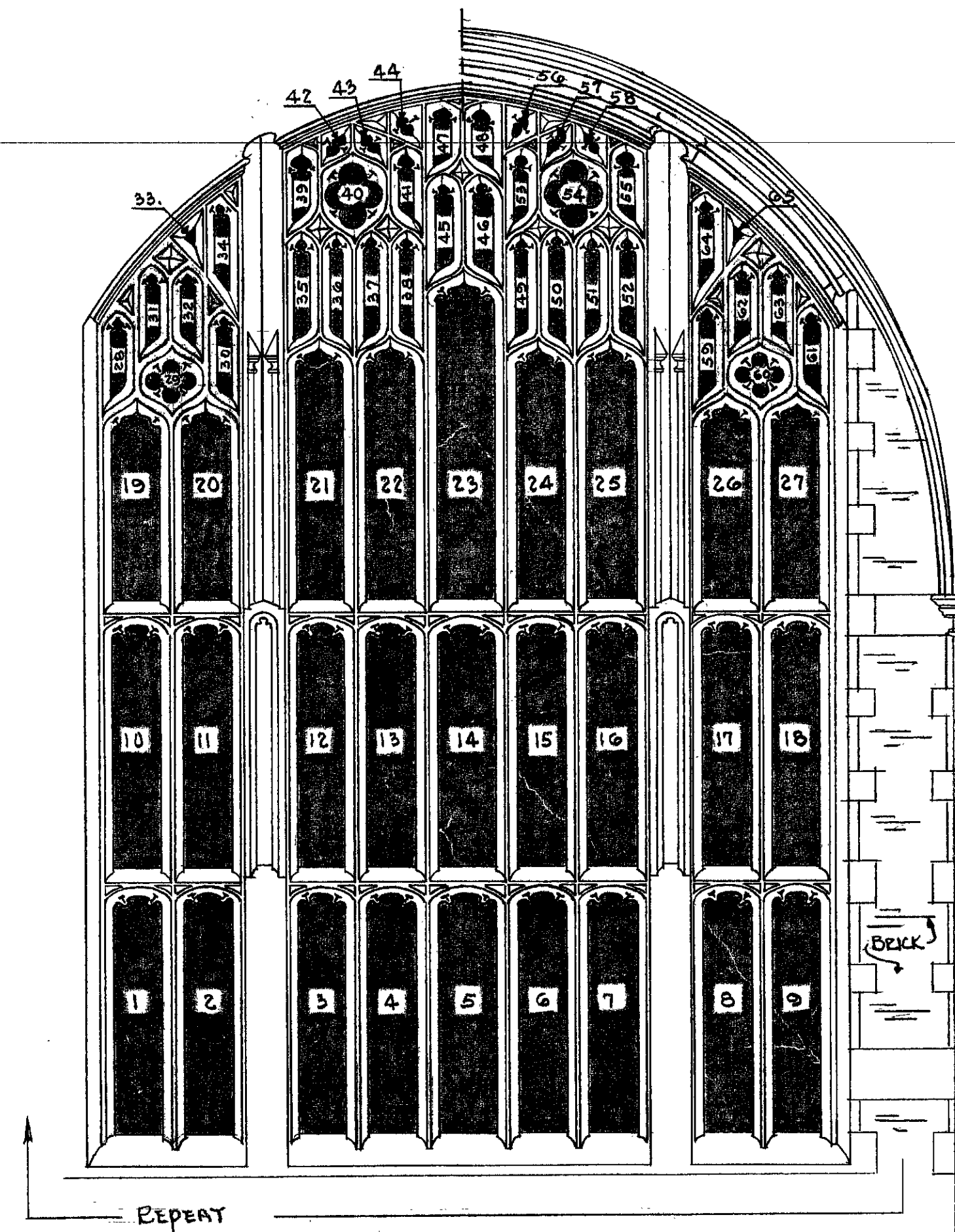
— WINDOW LOCATION - PLAN —

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
RESTORATION OF MASONRY					
CADET CHAPEL					
BLDG # 422					
SUBMITTED BY: <i>[Signature]</i>			APPROVED BY:		
SCALE NOTED	DRAWN CASTELLI	TRACED	CHECKED	DATE 10 JUN 57	PLAN NO. 6142

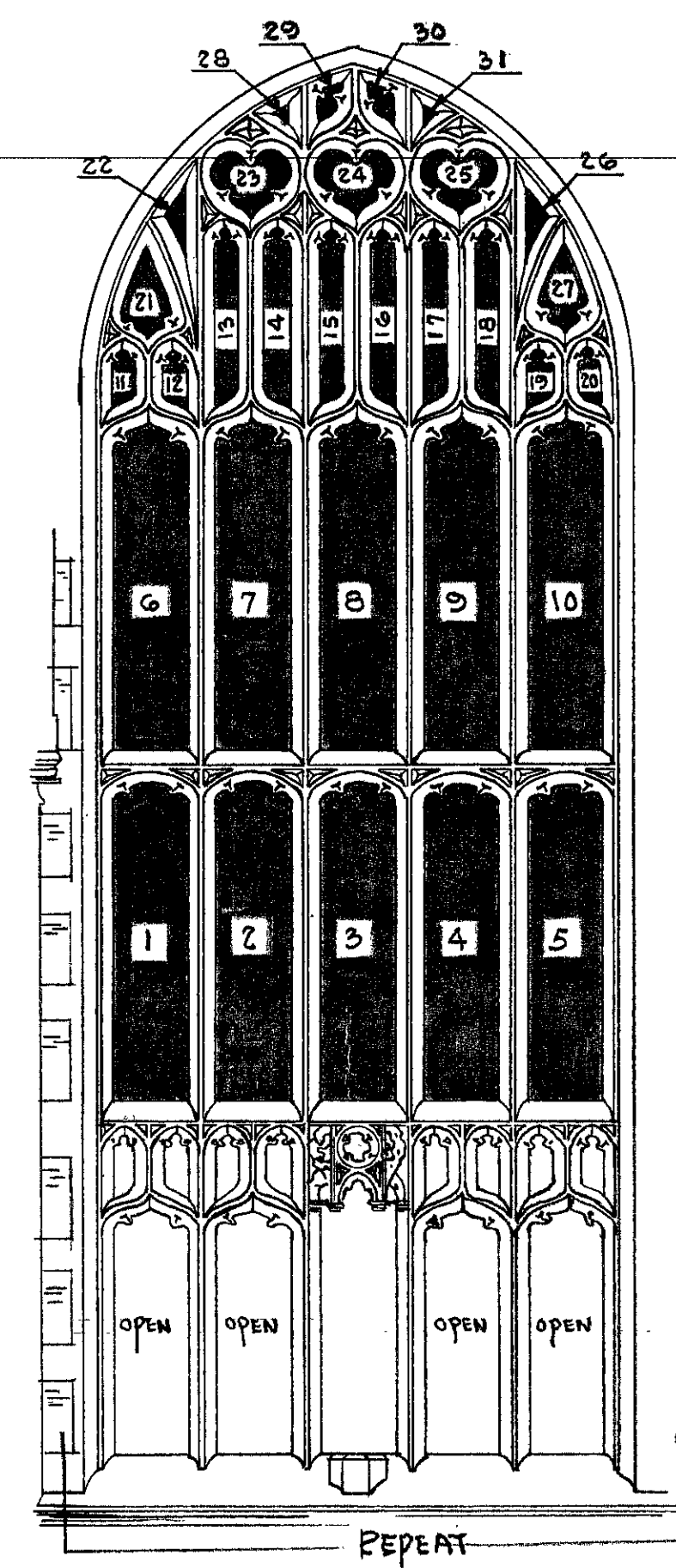




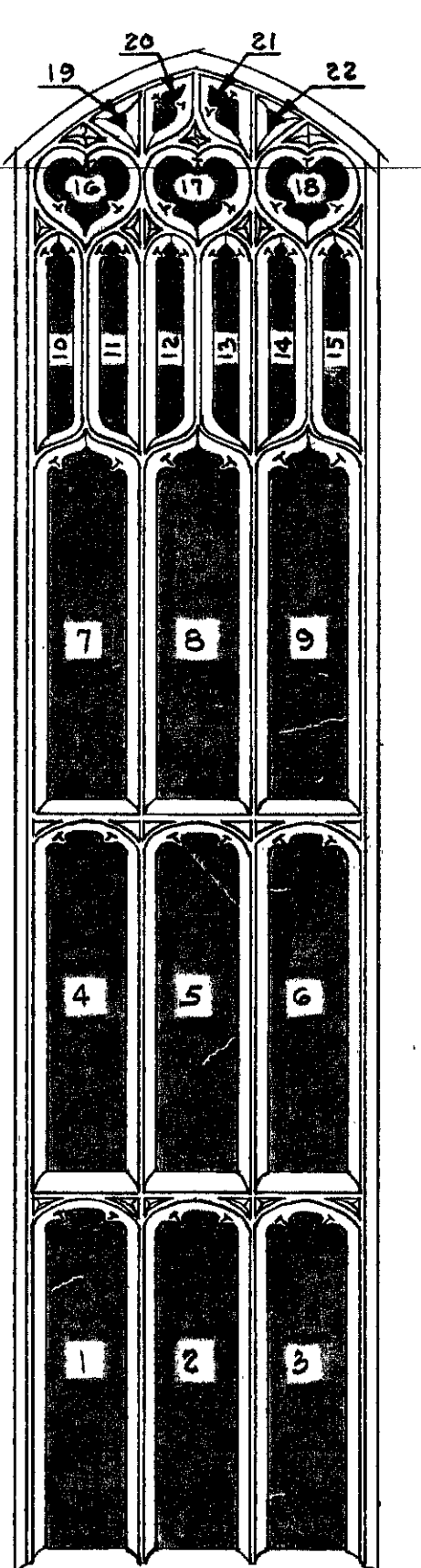
ELEVATION OF WINDOW BETWEEN NAVE AND NARTHEX



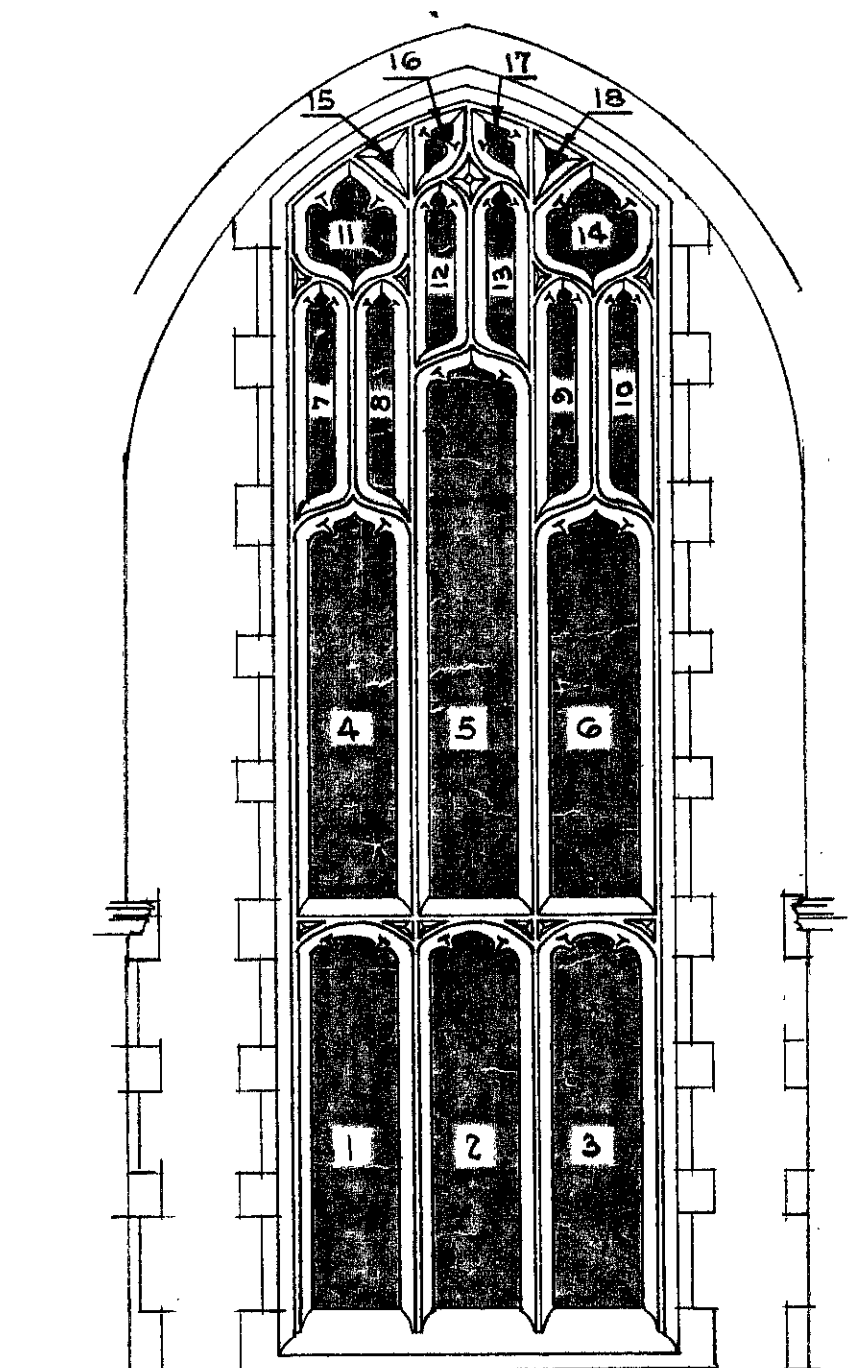
ELEVATION OF WINDOW ABOVE ALTAR



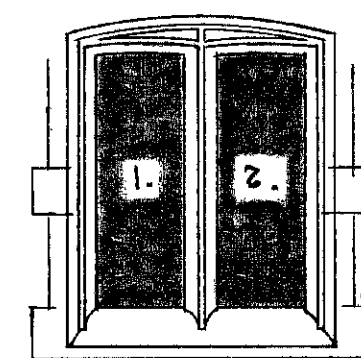
ELEVATION WINDOW C



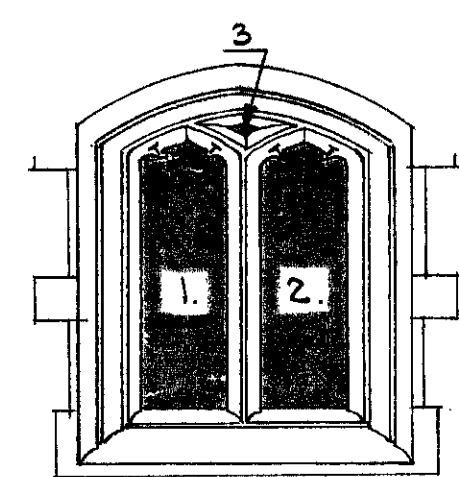
ELEVATION WINDOW D



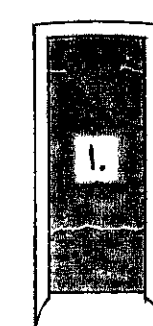
ELEVATION WINDOW E



ELEVATION WINDOW F



ELEVATION WINDOW G



ELEVATION WINDOW H

NOTE:



SHADED AREAS & NUMBERS INDICATE WINDOWS WHICH ARE STAINED GLASS AND THE NUMBER OF PANELS IN EACH WINDOW.

NOTES:

1. CUT OUT ALL DEFECTIVE & DETERIORATED LIMESTONE AND PATCH SAME TO MATCH EXISTING WORK.
2. CUT OUT ALL DEFECTIVE MORTAR JOINTS AND REPOINT SAME WITH NON-STAINING REPOINTING MORTAR - COLOR TO MATCH EXISTING WORK.

NOTE: SEE PLAN NO. G142 FOR LOCATION OF WINDOWS.

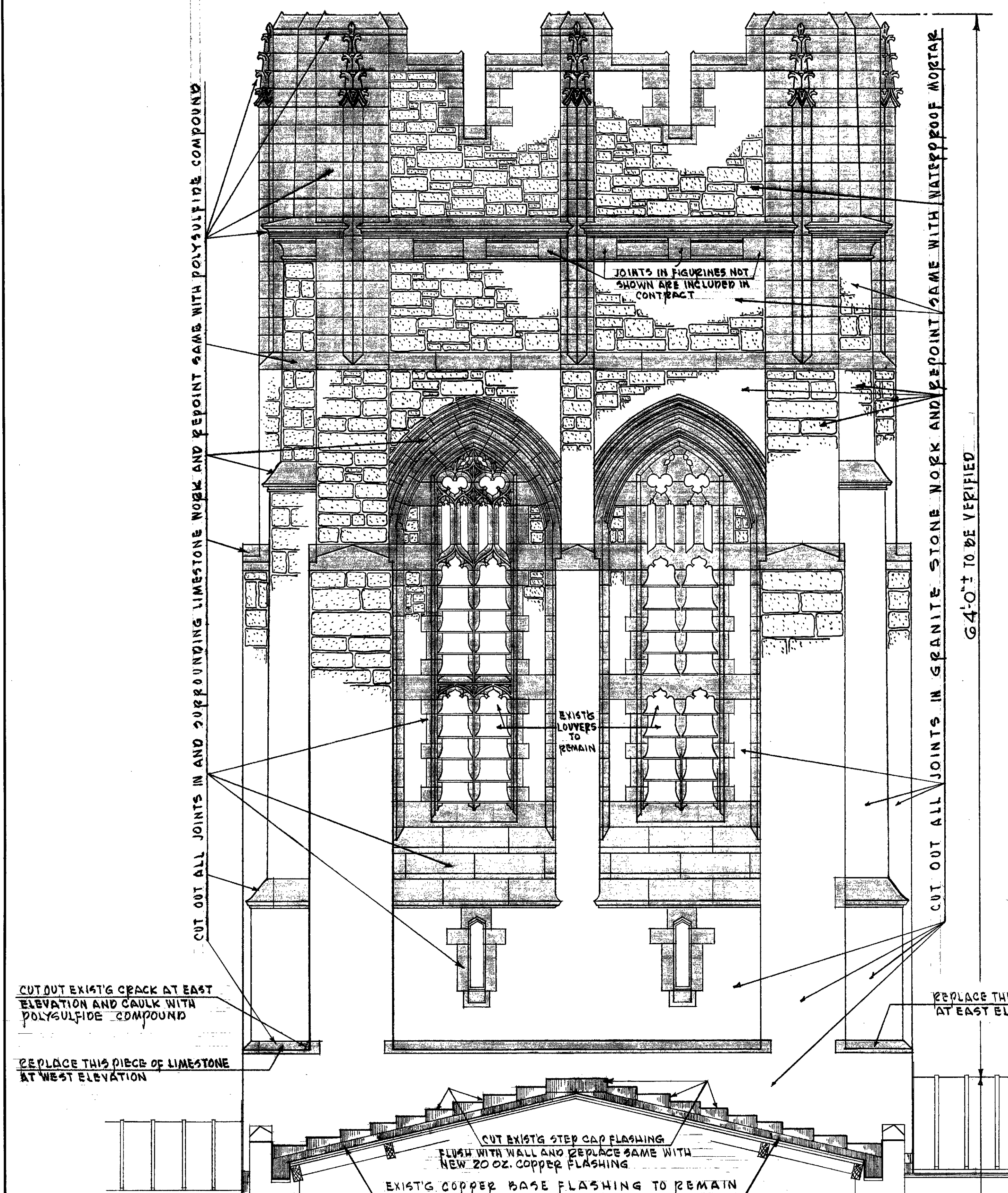
WINDOW ELEVATIONS

OFFICE OF THE POST ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
RESTORATION OF MASONRY					
CADET CHAPEL					
BLDG # 732					
SUBMITTED BY:			APPROVED BY:		
SCALE			DATE		
1/4" = 1'-0"			JUN 51		
DRAWN			PLAN		
BLDG			NO. G143		









— WEST ELEVATION —  
SCALE APPROX. 1/4"=1'-0"

(EAST ELEVATION SIMILAR)

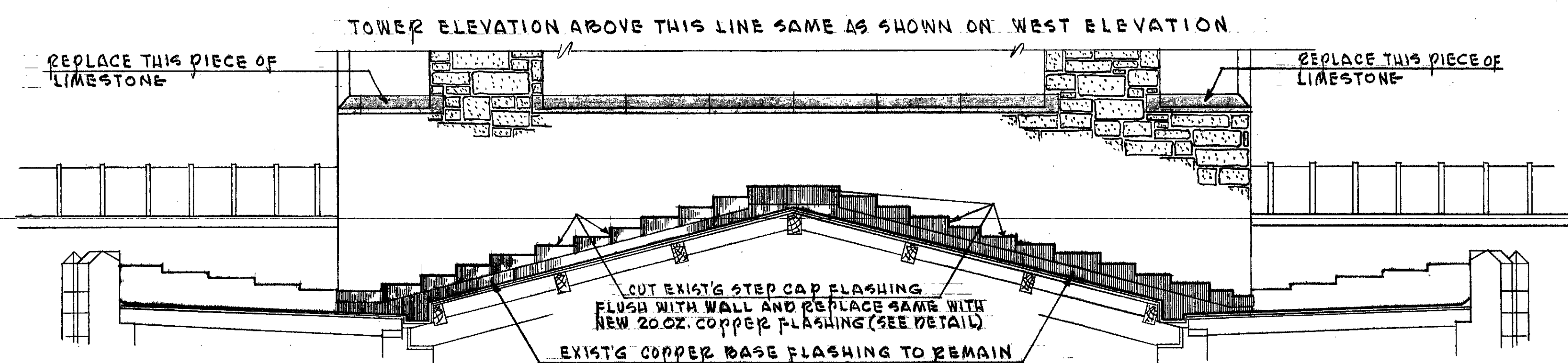
**NOTES:**

1. CUT OUT ALL JOINTS IN AND SURROUNDING ALL LIMESTONE WORK 100% TO A DEPTH OF 1/2" AND REPOINT SAME WITH POLYSULFIDE COMPOUND. INCLUDING RETURNS NOT SHOWN.
2. DISCONNECT AND MOVE ALL SPEAKERS AND REACING FOR SAME AT TOWER ROOF WHICH INTERFERE WITH WORK AND RECONNECT AND INSTALL SAME BACK AFTER WORK IS COMPLETED EACH WORK DAY.
3. CUT OUT ALL EXISTING JOINTS AT CAP FLASHINGS ON TOWER AND RECAULK SAME WITH POLYSULFIDE COMPOUND.
4. CUT OUT ALL JOINTS AROUND ALL GRANITE STONE WORK 100% TO A DEPTH OF 1" AND REPOINT SAME WITH WATERPROOF MORTAR INCLUDING RETURNS NOT SHOWN.
5. PATCH AND REPAIR ALL LIMESTONE SURFACES THAT ARE ERODED, WEATHERED BADLY, SPALLED AND CRACKED.
6. ALL LIMESTONE SURFACES UNDER THIS CONTRACT SHALL RECEIVE TWO COATS OF SILICONE.
7. REMOVE EXISTING CAP FLASHING AT TOWER WALLS ONLY AND PROVIDE AND INSTALL NEW 20 OZ. CAP FLASHING IN SAME REGLETS OR JOINTS WITH LEAD PLUGS SPACED 8" O.C.
8. CLEAN ALL LIMESTONE SURFACES PRIOR TO WATERPROOFING.

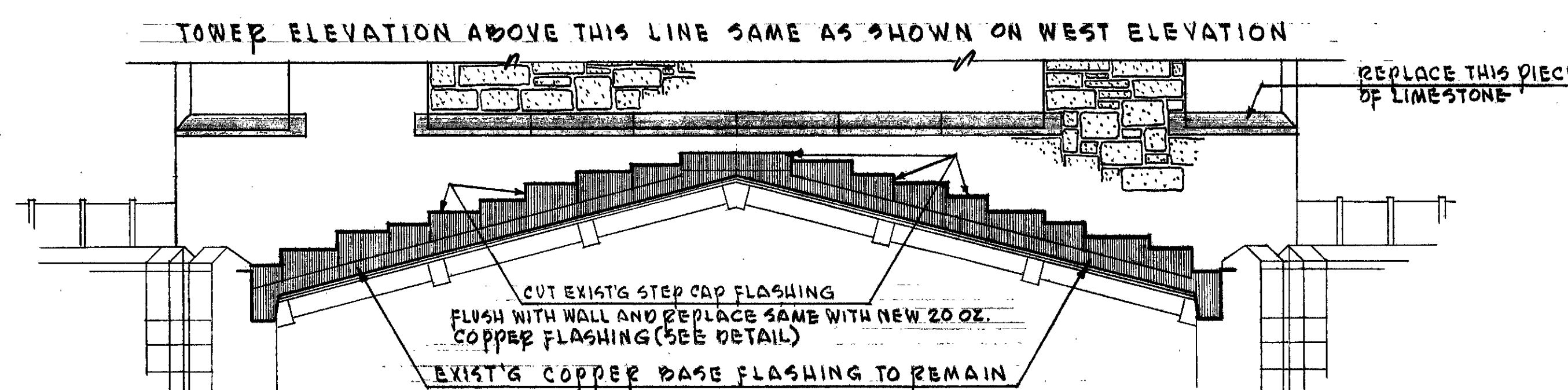
(NOTE SOUTH AND NORTH TOWER ELEV. SIMILAR-SEE FLASHING LINE AT ROOF LEVEL ABOVE)

**— LEGEND —**

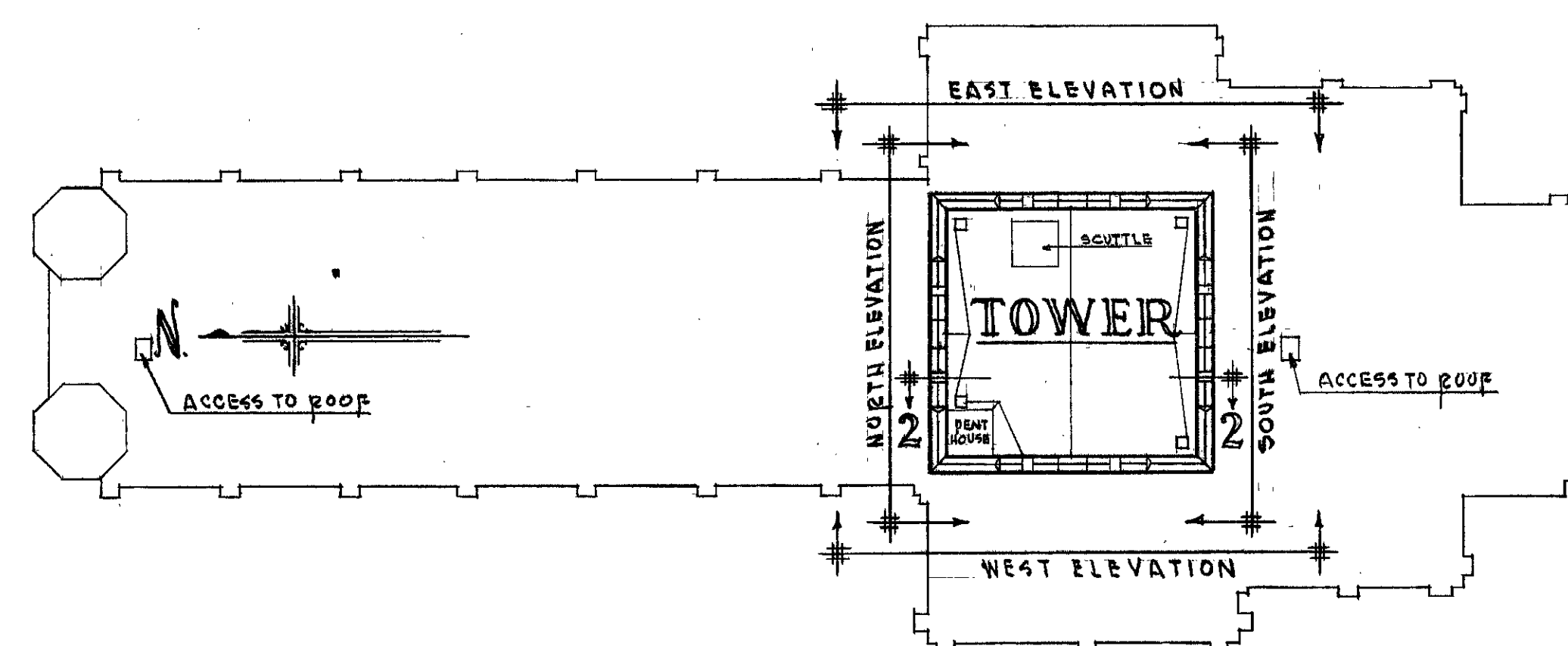
- LIMESTONE WORK TO BE RESTORED, WATERPROOFED AND REPOINTED WITH POLYSULFIDE COMPOUND
- GRANITE WORK TO BE REPOINTED WITH WATERPROOF MORTAR



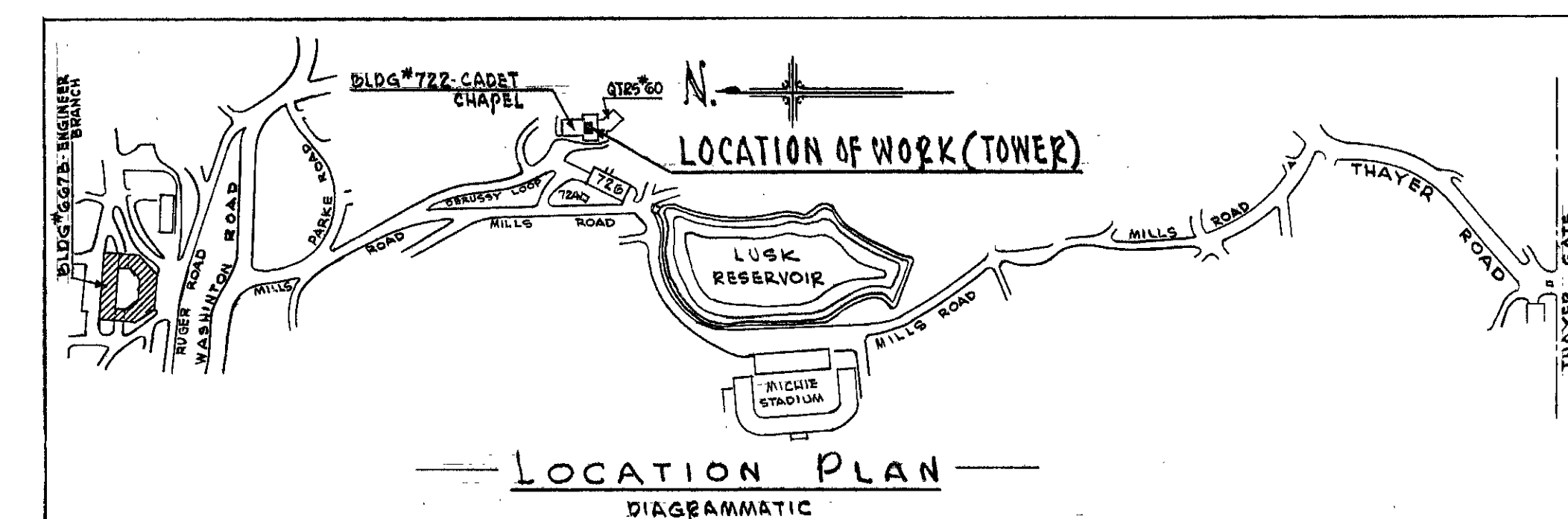
— SOUTH ELEVATION —  
SCALE APPROX. 1/4"=1'-0"



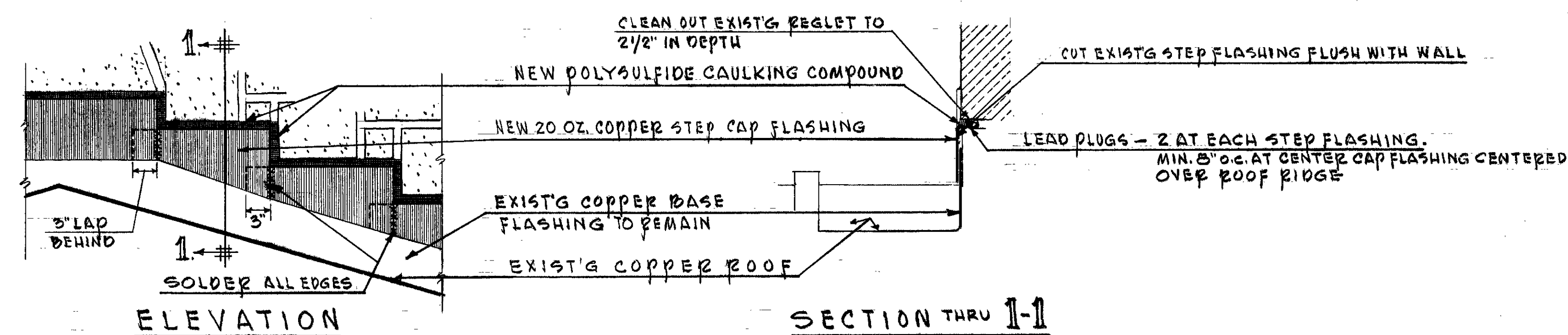
— NORTH ELEVATION —  
SCALE APPROX. 1/4"=1'-0"



— KEY PLAN —  
SCALE APPROX. 1"=20'-0"



— LOCATION PLAN —  
DIAGRAMMATIC

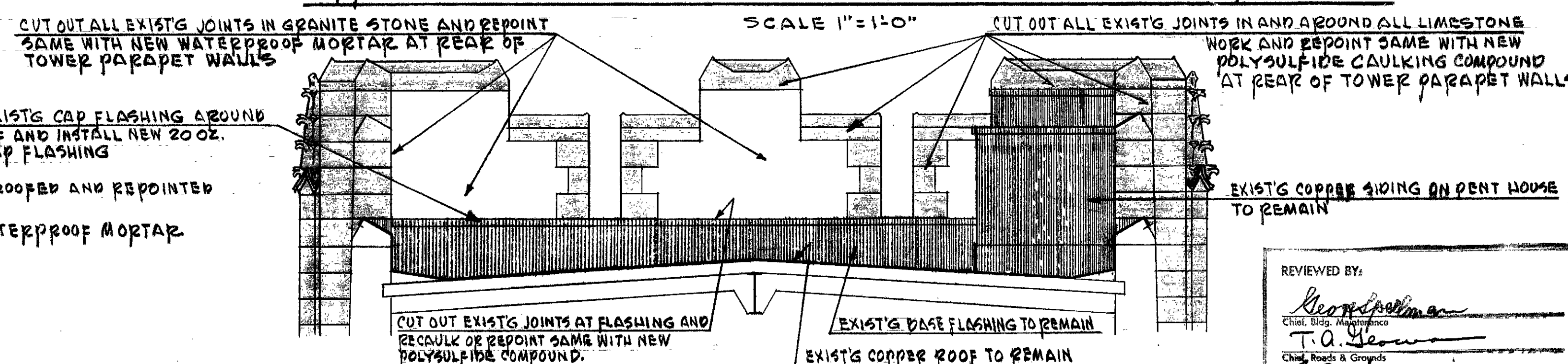


ELEVATION

SECTION THRU 1-1

— TYPICAL ELEVATION AND DETAIL OF FLASHING AT TOWER WALLS —

SCALE 1"=1'-0"



— ELEVATION 2-2 —  
SCALE APPROX. 1/4"=1'-0"

REVISED 18 NOV 1963  
REVISED 8 MAY 1969

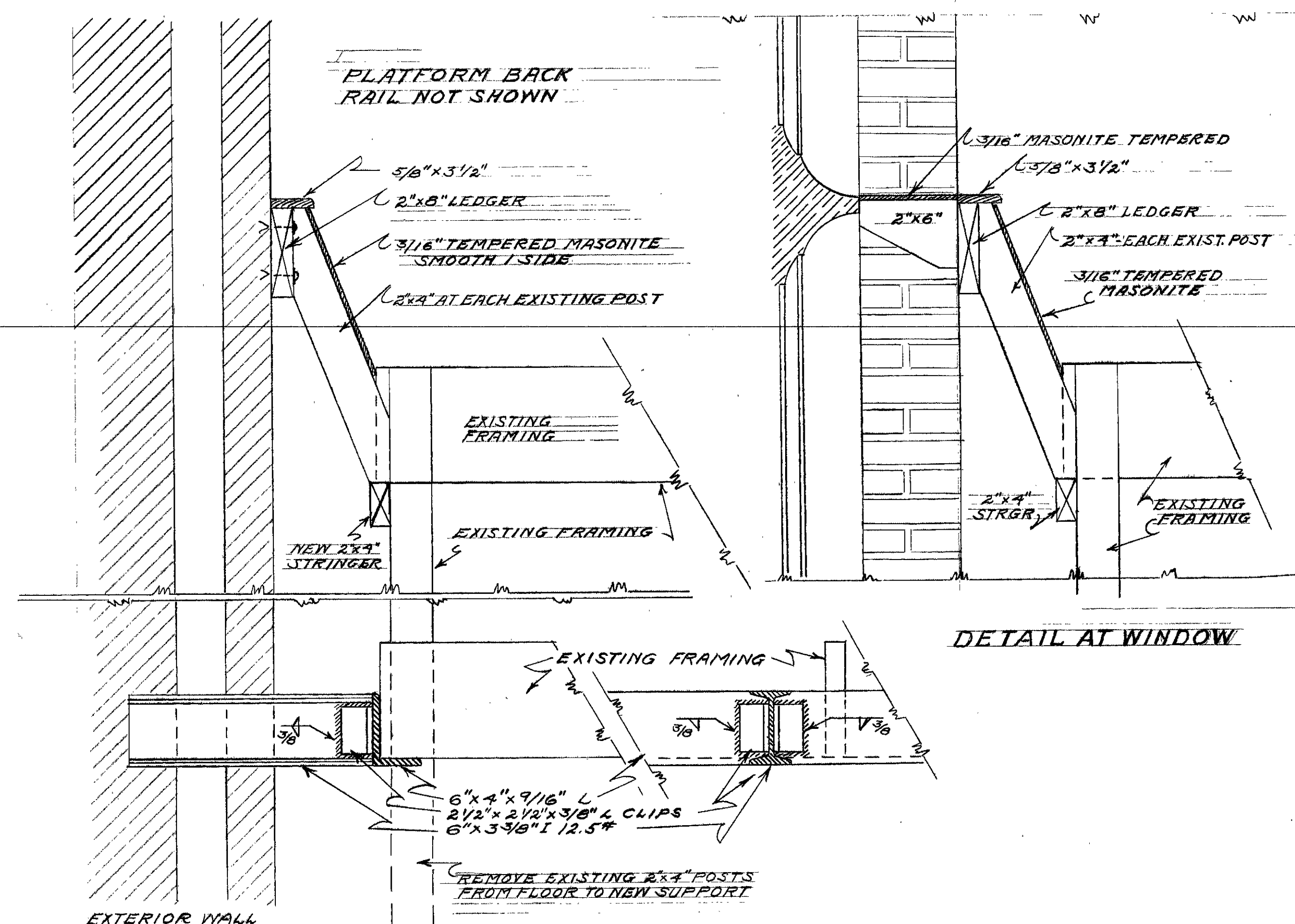
CONTRACTOR WILL VERIFY  
ALL CONDITIONS AND DIMENSIONS  
IN THE FIELD.

OFFICE OF THE ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

REPOINT AND WATERPROOF  
CADET CHAPEL TOWER  
BUILDING No. 722

SUBMITTED BY: John J. Blais		APPROVED BY: R. L. Smith	
SCALE AS NOTED	DRAWN CRATELLI	CHECKED TRACED	DATE 18 APR 69
PLAN NO. 7085			





BALCONY PLATFORM SUPPORT AT EAST WALL

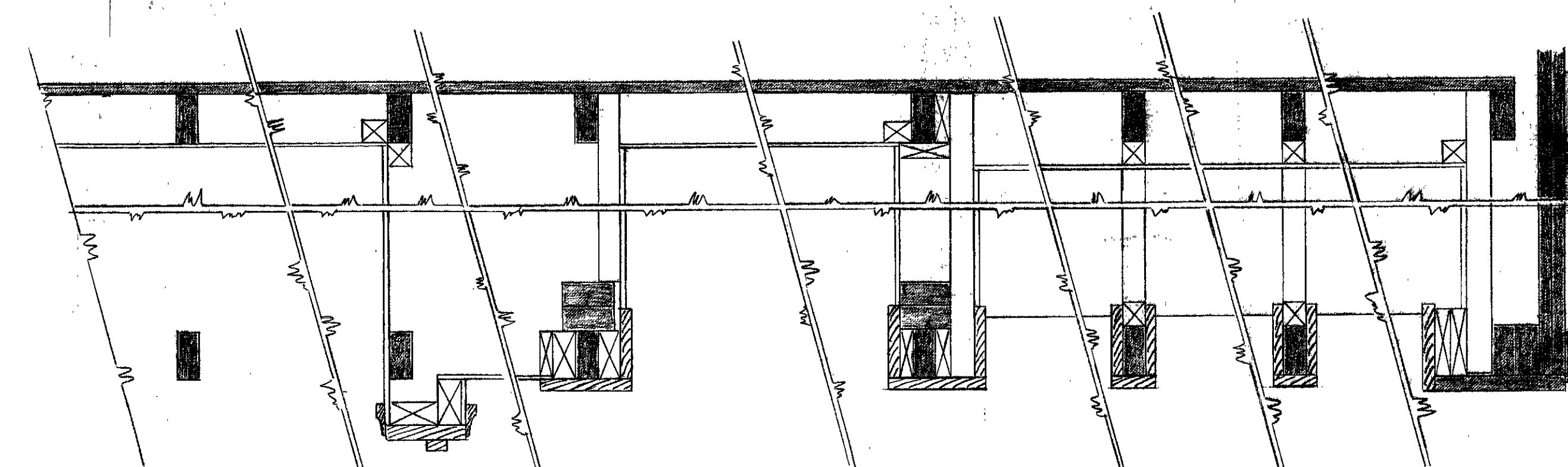
SCALE 1/2"=1'-0"

NOTE: MASONITE MUST STOP TO BE CONTINUED ENTIRE LENGTH OF EAST WALL IN EQUIPMENT & CONSOLE ROOMS

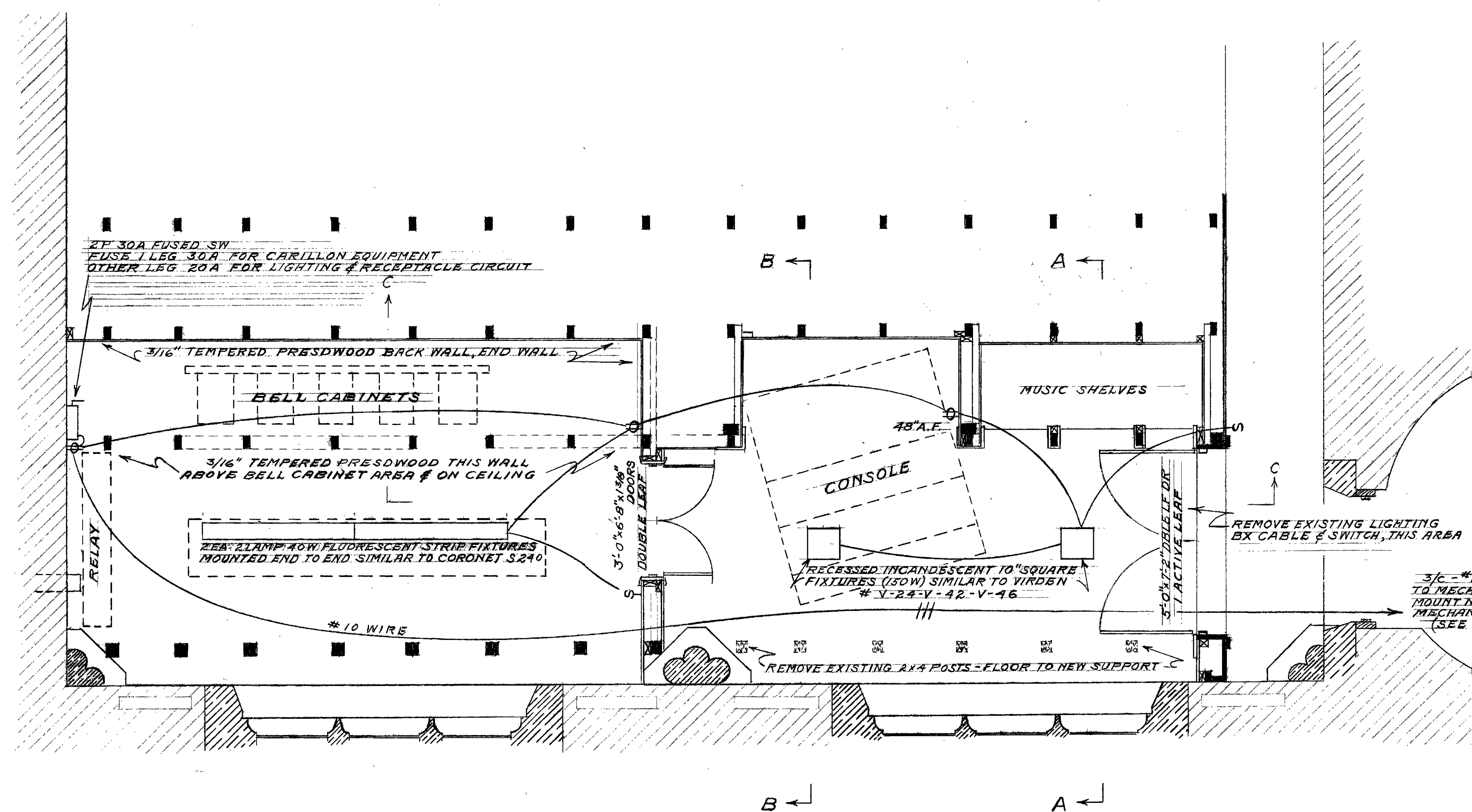
**FLOORS**  
EQUIPMENT ROOM - NO WORK  
CONSOLE ROOM - FILL CRACKS IN EXISTING CONCRETE FLOOR WITH SAND CEMENT MORTAR  
COVER FLOOR INCLUDING CONSOLE RECESS WITH NYLON FIBRE CARPET OF COLOR SELECTED BY USING AGENCY

SECTION B  
SCALE 3/4"=1'-0"

SECTION A  
SCALE 3/4"=1'-0"



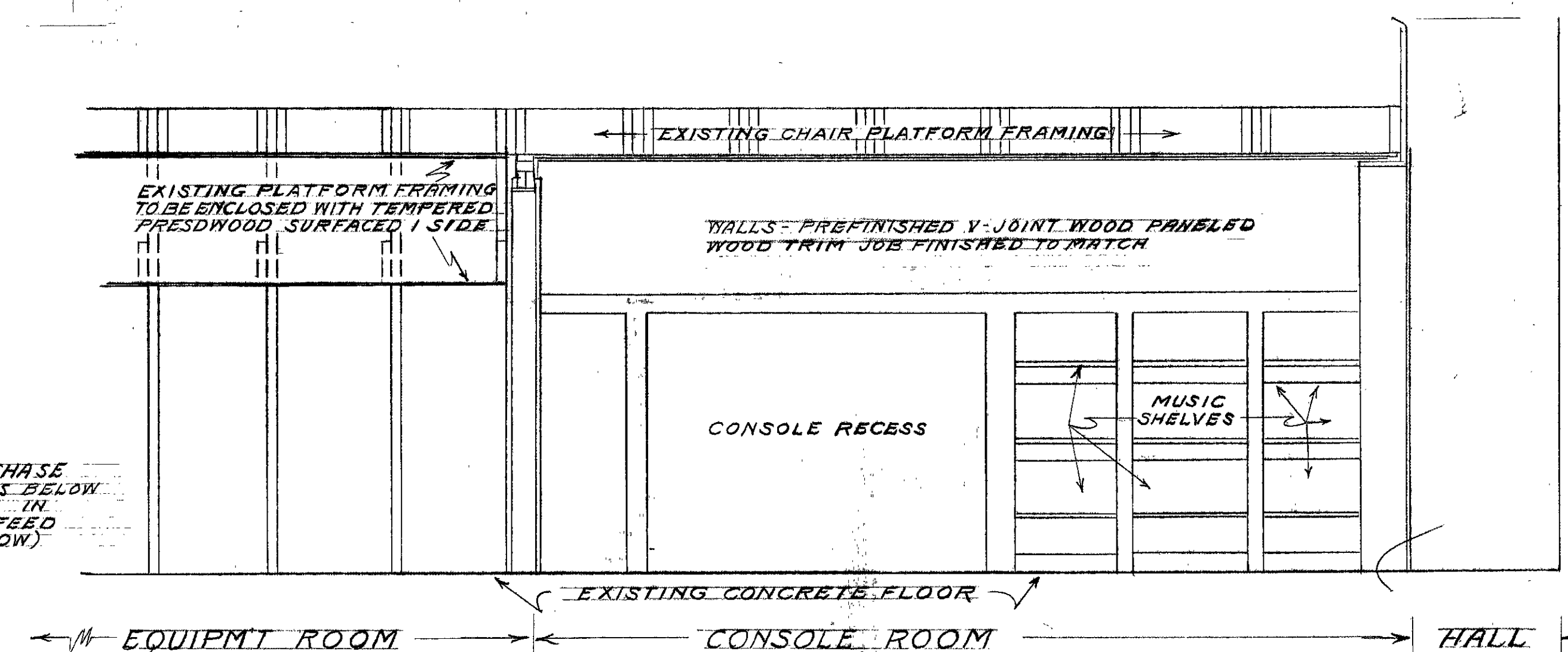
DETAIL - BELL CABINET AREA, CONSOLE RECESS & MUSIC SHELVES  
SCALE 1/2"=1'-0"



PLAN

SCALE 1/2"=1'-0"

**ELECTRICAL NOTE** - IN ORDER TO PROVIDE ELECTRICAL CAPACITY FOR NEW 30A CARILLON CIRCUIT IN MECHANICAL ROOM IN BASEMENT IT WILL BE NECESSARY TO REPLACE THE EXISTING #8 WIRES TO MECHANICAL ROOM FAN LIGHTING PANEL AND ST MARTIN'S CHAPEL ORGAN WITH 12V. THIS VIEW FEED TO BE 4 #6 WIRES IN EXISTING 1" CONDUIT FROM BASEMENT SWITCH BOARD ROOM. REPLACE EXISTING 35AMP FUSE LINKS IN SWITCH BOARD PANEL WITH 60 AMP LINKS.



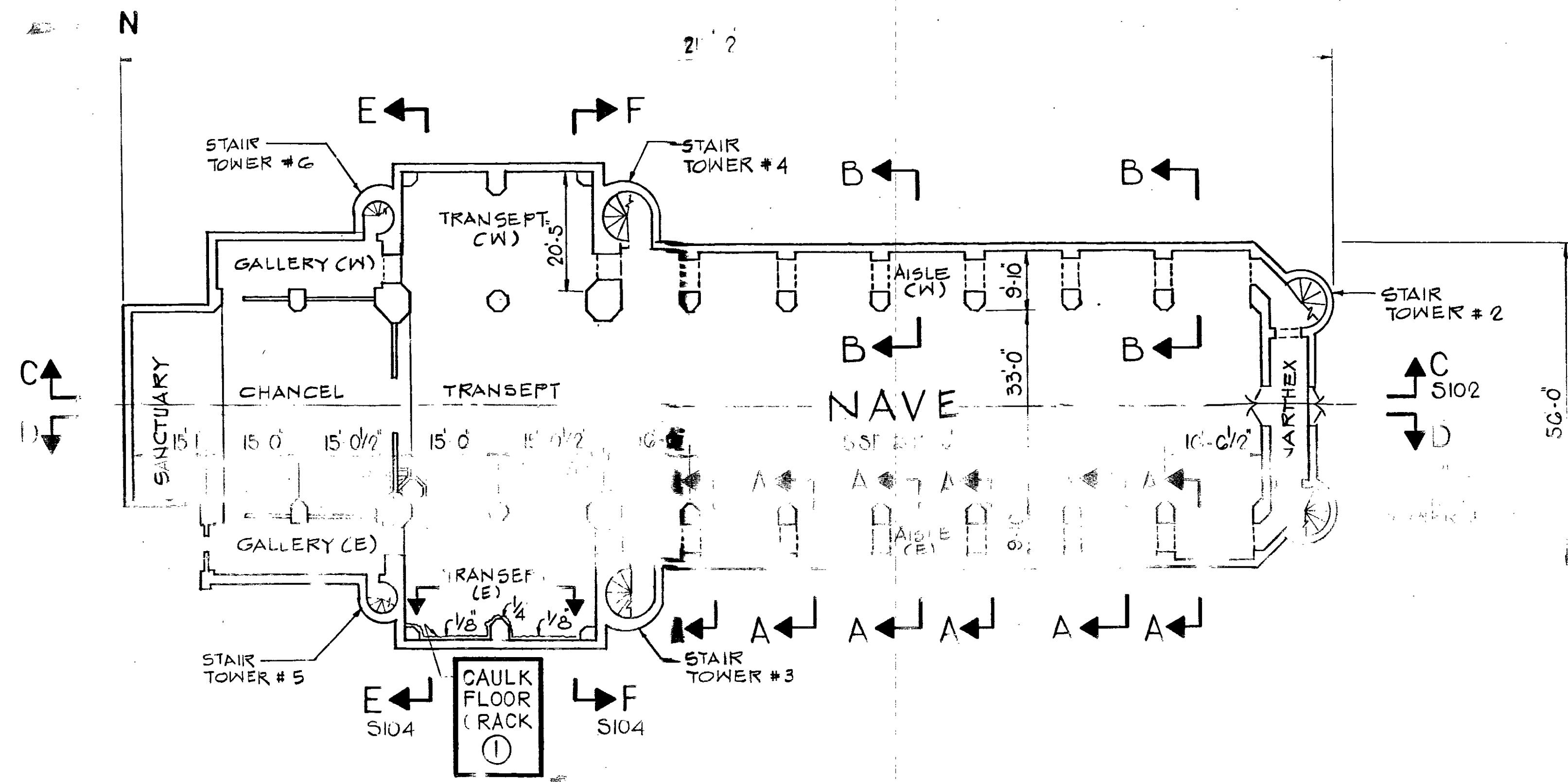
ELEVATION C  
SCALE 1/2"=1'-0"

OFFICE OF THE ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

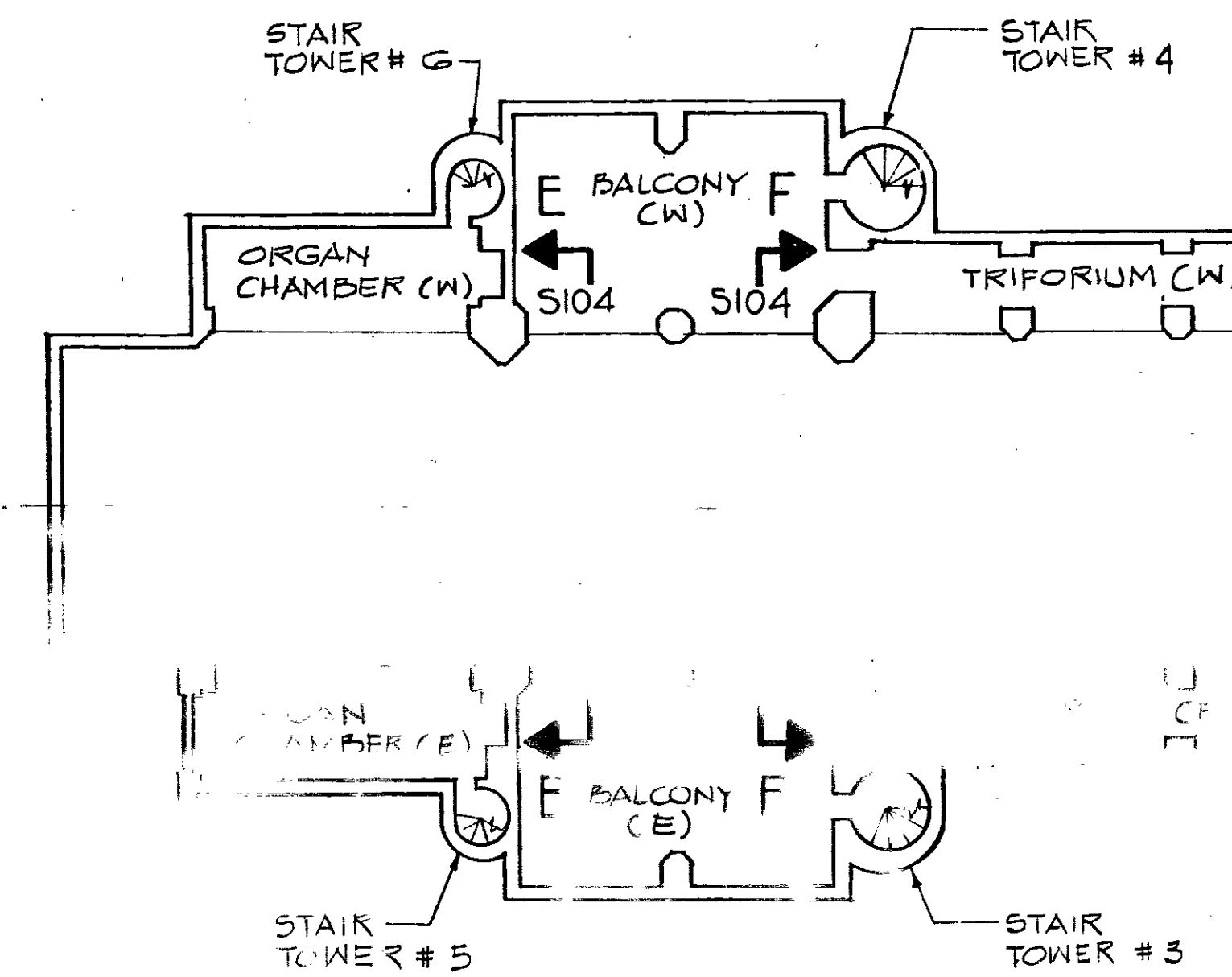
CADET CHAPEL CARILLON  
BLDG. 722  
CONSOLE & EQUIPMENT ROOMS

SUBMITTED BY: *R. G. Donahue* APPROVED BY: *R. K. Smith*  
SCALE: *1/2"* DRAWN: *TRACED* CHECKED: *DATE* PLAN NO. *7358*  
NOTED: *1/26*

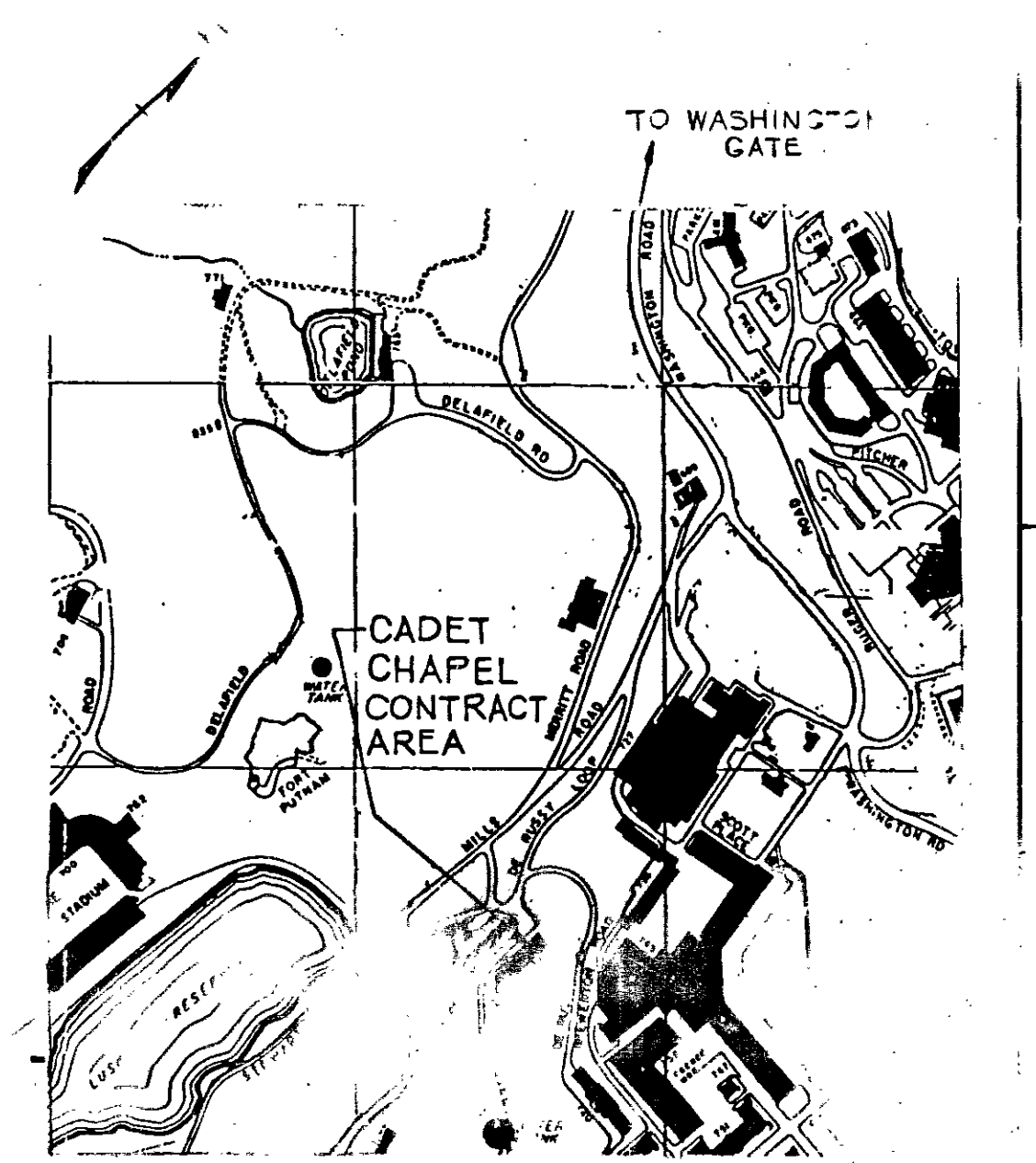




MAIN FLOOR PLAN



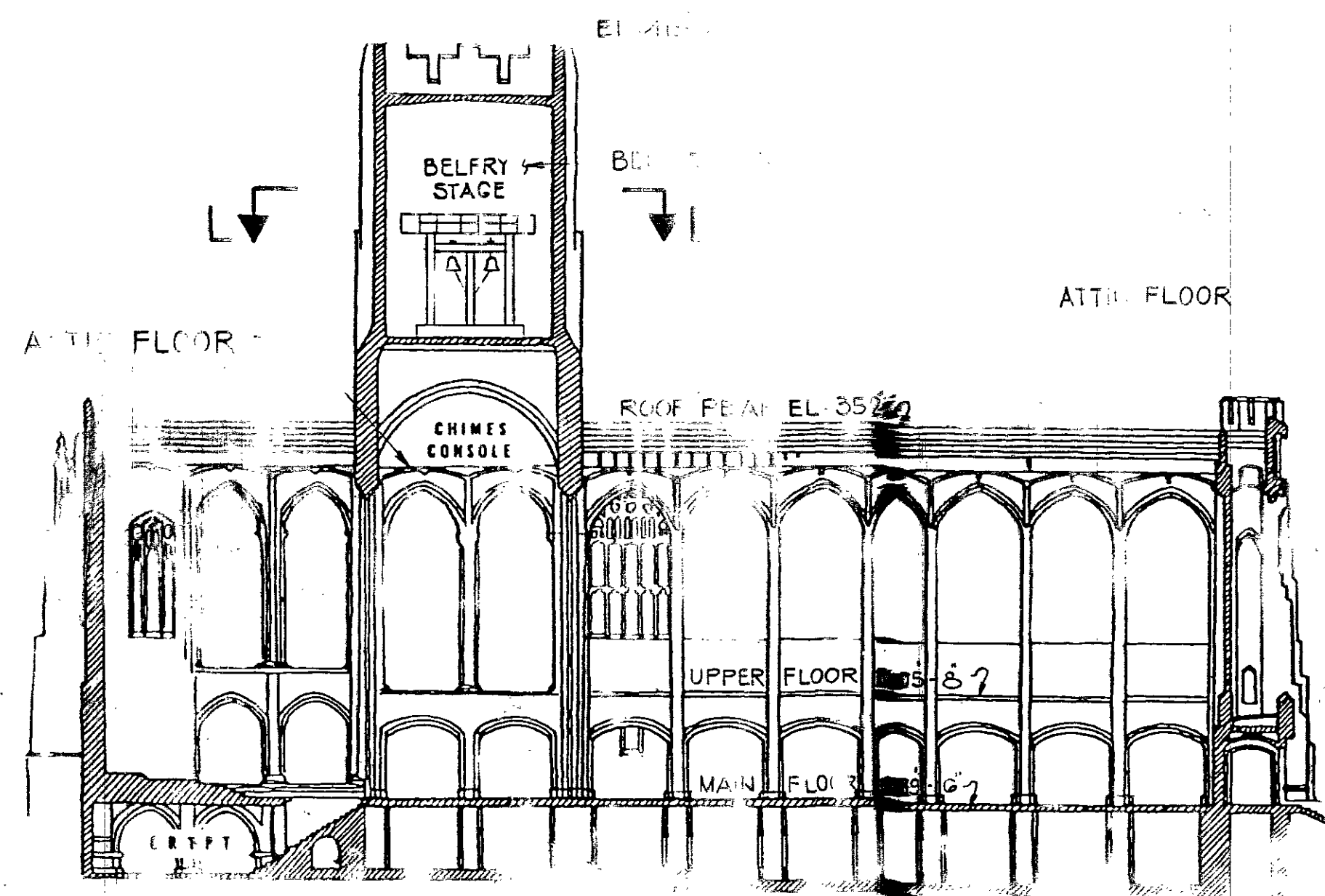
UPPER FLOOR PLAN



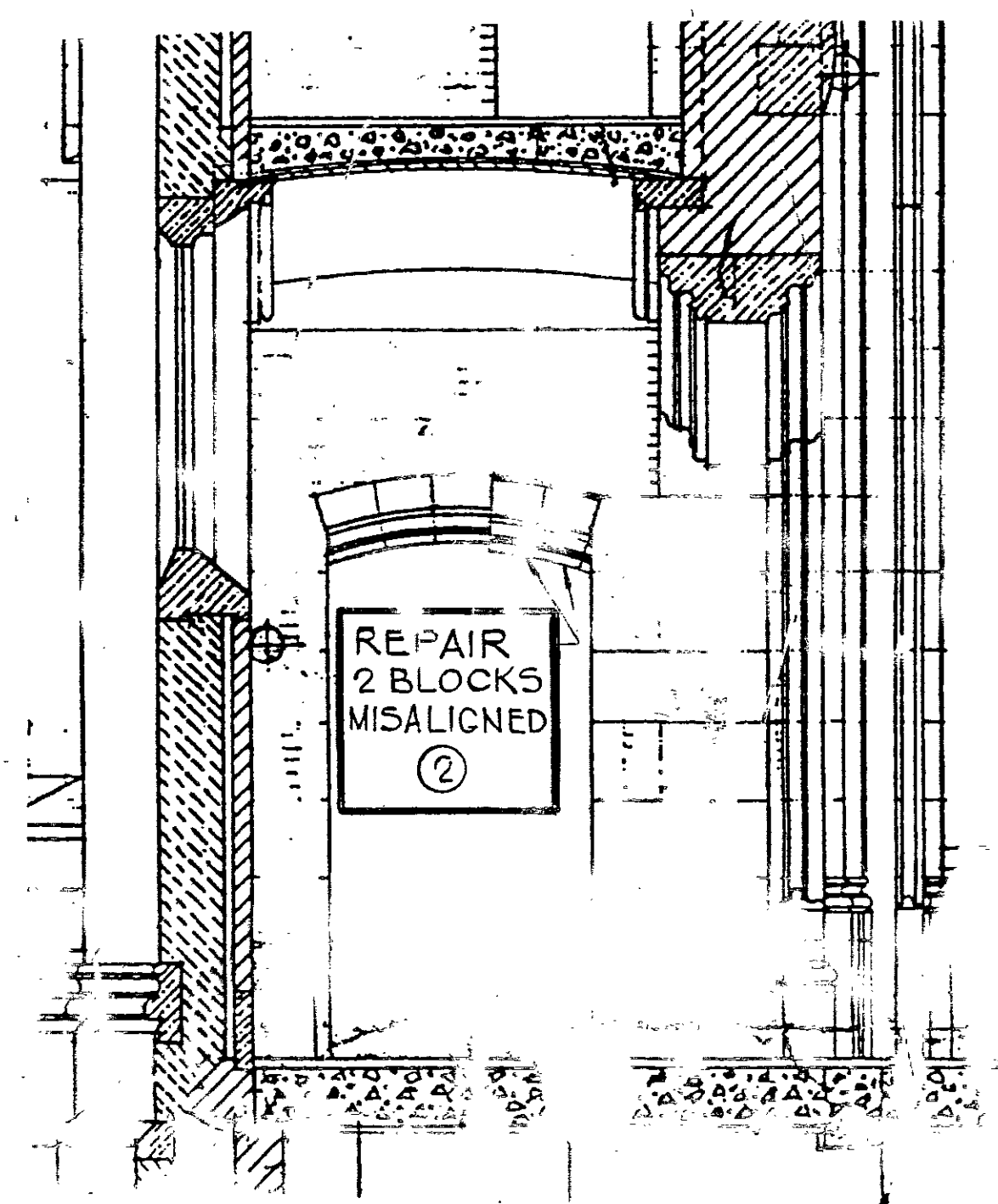
LOCATION PLAN

NOTES

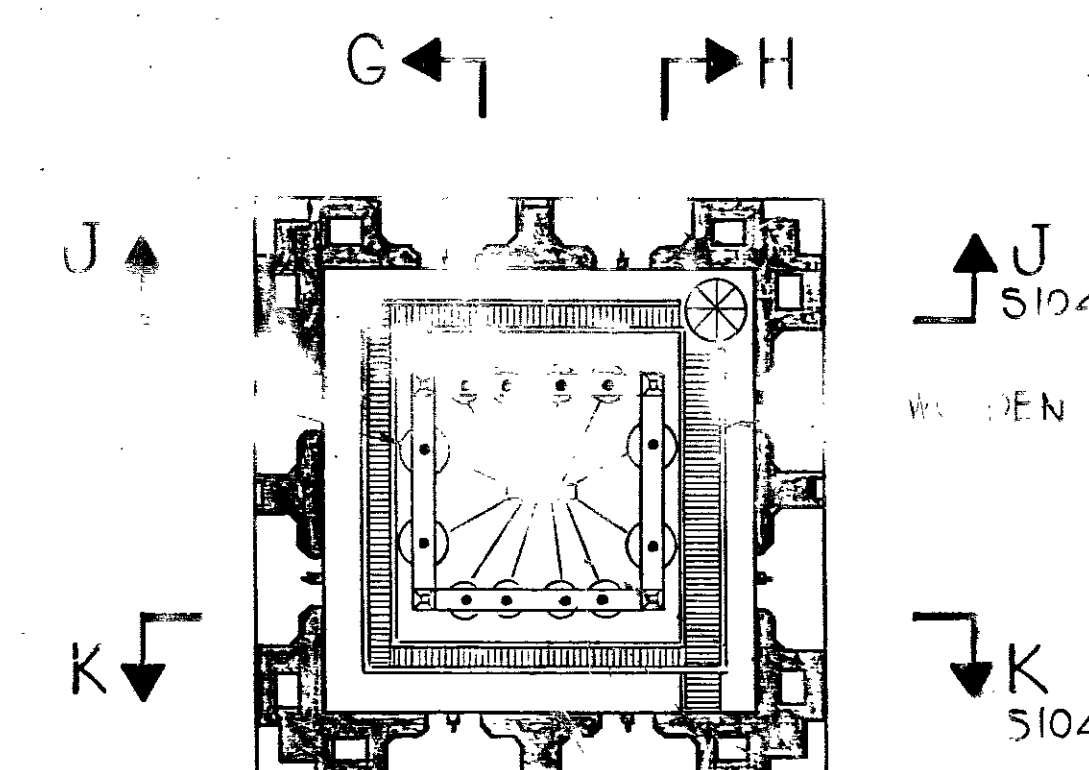
- FOR NOTES SEE DWG S102
- SEE LEGEND FOR REPAIR METHOD SHOWN THUS: (N)
- (E) = EAST



LONGITUDINAL SECTION



SECTION A-A  
SECTION B-B



SECTION L-L  
BELL TOWER PLAN

REFERENCE DWGS:

- S102 FOUNDATION
- S103 BELL TOWER
- S104 MASONRY
- S105 ATTIC
- S106 MISCELLANEOUS
- S107 STAIR TOWER #2
- S108 STAIR TOWER #3
- S109 STAIR TOWER #4
- S110 EAST ELEVATION
- S111 WEST ELEVATION
- S112 NORTH AND SOUTH ELEVATION

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE CONSTRUCTION OF THE CADET CHAPEL, WEST POINT, NEW YORK.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND INFRASTRUCTURE AT ALL TIMES.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORDS OF ALL WORK DONE AND SUBMIT THEM TO THE SUPERVISOR FOR REVIEW.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS AND WASTE MATERIAL FROM THE SITE.

7. THE CONTRACTOR SHALL MAINTAIN ADEQUATE SAFETY MEASURES IN PLACE AT ALL TIMES.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES AND INFRASTRUCTURE.

9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE RECORDS OF ALL WORK DONE AND SUBMIT THEM TO THE SUPERVISOR FOR REVIEW.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL DEBRIS AND WASTE MATERIAL FROM THE SITE.

STEP 1  
INSTALL NEW MORTAR  
TO A DEPTH OF 12  
IN FROM FACE OF STONE

CONSTRUCTION UNDER THE  
SUPERVISION OF

DEPARTMENT OF THE ARMY  
NEW YORK DISTRICT CORPS OF ENGINEERS  
26 FEDERAL PLAZA  
NEW YORK, NEW YORK 10278



U.S. ARMY  
ENGINEER REGIMENT  
WEST POINT, NEW YORK

7687-4096  
7687-4096



## NOTES:

1. THE CONTRACTOR SHALL REPAIR ALL THE CRACKED, CHIPPED, SPALLED, DETERIORATED OR OTHERWISE DAMAGED AREAS INDICATED ON THE CONTRACT DRAWINGS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS AND SHALL CONFORM TO ALL THE APPLICABLE CODES AND STANDARDS AND THE PRODUCT MANUFACTURER'S RECOMMENDATIONS.
4. PRODUCTS FOR THE FOLLOWING REPAIR WORK SHALL BE PRESERVATION GRADE RESTORATION MORTARS APPROVED BY THE CONTRACTING OFFICER. SEE SPEC FOR DESCRIPTION OF VARIOUS TYPES OF GROUTS AND MORTARS.
  - (A) FOR GROUTING CRACKS:
    - LESS THAN  $\frac{3}{16}$  WIDE: MICRO INJECTION GROUT TYPE 1.
    - LARGER THAN  $\frac{3}{16}$  WIDE: INJECTION GROUT TYPE 2.
  - (B) FOR PATCHING AND RESTORATION OF LIMESTONES AND CAST STONE: MORTAR TYPE 3.
  - (C) FOR REPAIR OF REINFORCED CONCRETE MEMBERS: MORTAR TYPE 4.
  - (D) FOR RESTORATION OF BRICKS AND STONE: MORTAR TYPE 5.
5. REPOINTING OF GRANITE STONE MASONRY SHALL BE WITH CEMENT MORTAR.
6. PRODUCTS FOR THE FOLLOWING WORK SHALL BE PREMIUM GRADE CAULKING PRODUCT APPROVED BY THE CONTRACTING OFFICER.
  - (A) RECAULKING OF JOINTS INCLUDING LIMESTONE OR CASTSTONE JOINTS: N°2 OR N°4 SEALANT AS RECOMMENDED BY THE MANUFACTURER DEPENDING ON JOINT LOCATION AND CONDITION.
  - (B) SEALING OF MASONRY SURFACES: WATER-REPELLENT PROTECTIVE COATING.
7. CONTRACT WORK IS TO INCLUDE ALL HIDDEN SURFACES, SUCH AS SIDES OF BUTTRESSES, VERTICAL SETBACKS, REVEALS OF OPENINGS, RETURNS, CHIEK WALLS, ETC.
8. BOTH LIMESTONE AND CAST STONE EXIST IN THE CONTRACT WORK AREAS, BUT ON THESE DRAWINGS, BOTH TYPES ARE REFERRED TO AS LIMESTONE. EVEN THOUGH CERTAIN MEMBERS TURN OUT TO BE CAST STONE. ALL WORK ON LIMESTONE SHALL BE PERFORMED NEVERTHELESS.
9. THE CONTRACTOR SHALL TAKE MEASURES TO KEEP ANY LOADING ON THE TILE VAULTED CEILINGS TO AN ABSOLUTE MINIMUM DURING THE REPAIR WORK.

## REFERENCE DWGS

FOR REFERENCE

## LEGEND:

FOR LEGEND INCLUDING REPAIR METHOD NUMBERS SHOWN THUS: (N) SEE DWG 5101

WOODEN CATWALK AND BELLS  
NOT SHOWN FOR CLARITYREPAIR  
MISALIGNED  
LIMESTONES  
AT RIB  
(2)FOR BELL TOWER ELEVATIONS  
SEE DWG 5104PATCH LIMESTONES  
AT RIB & BASE COARSE  
(3)PATCH LIMESTONES  
IN THIS AREA  
(3)CLEAN ALL  
LEFT RESIDUE  
IN THIS AREA  
(10)PATCH SPALL  
BASE COARSE  
(6)CLEAN ALL  
EFFLORESCENCE  
AT SOUTH FACE  
(10)

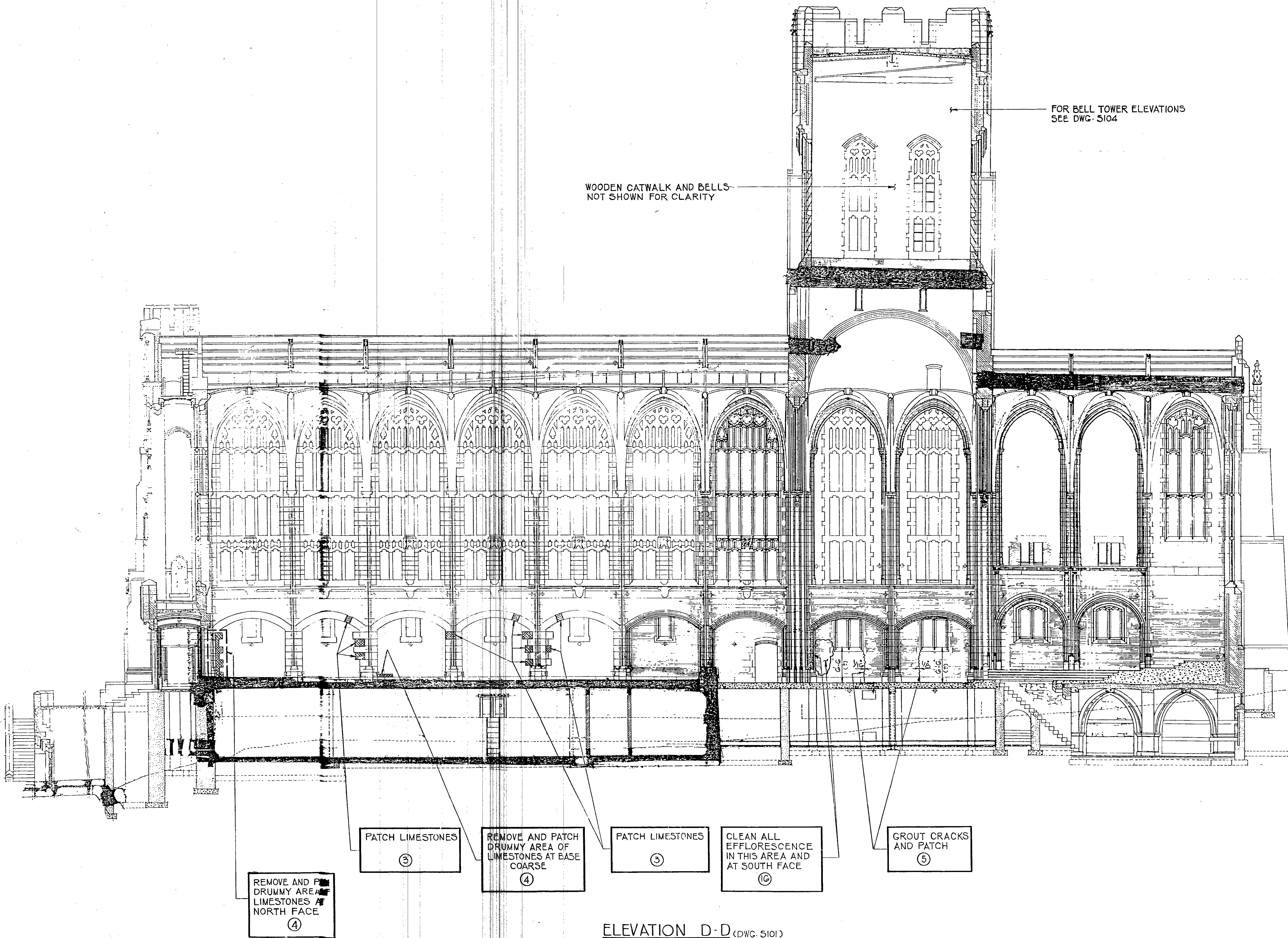
ELEVATION C.C. (DWG 5101)

U.S. ARMY CORPS OF ENGINEERS UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK	
MASONRY REPAIRS TO CADEY CHAPEL	
DESIGNED BY: [Signature]	
CHECKED BY: [Signature]	
APPROVED BY: [Signature]	
DATE: [Date]	

7681-4097



NOTES:  
FOR NOTES SEE DWG. S102



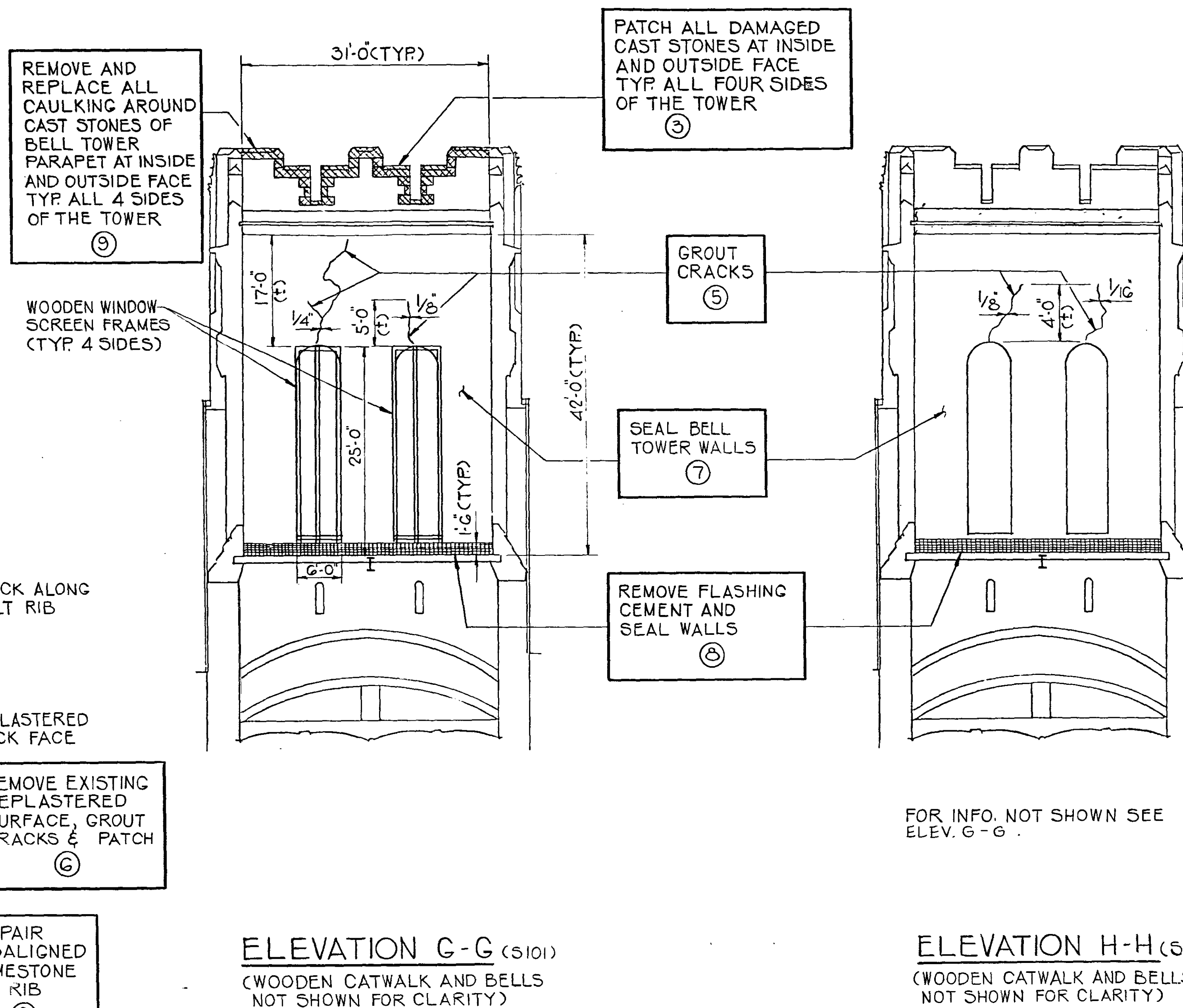
REFERENCE DWGS:  
FOR REFERENCE DWGS. SEE DWG. S101

LEGEND:  
FOR LEGEND INCLUDIN : REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG. S101

U.S. ARMY CORPS OF ENGINEERS UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK	
MASONRY - REPAIRS TO CADET CHAPEL	
INTERIOR ELEVATION D-D	
BURNS AND ROSE INDUSTRIAL SERVICES COMPANY Engineers and Constructors - Oradell, NJ	
Approved for Construction Manager - Design & Drafting	
Work Order 6745	
Drawing No. 501	

7687-4098



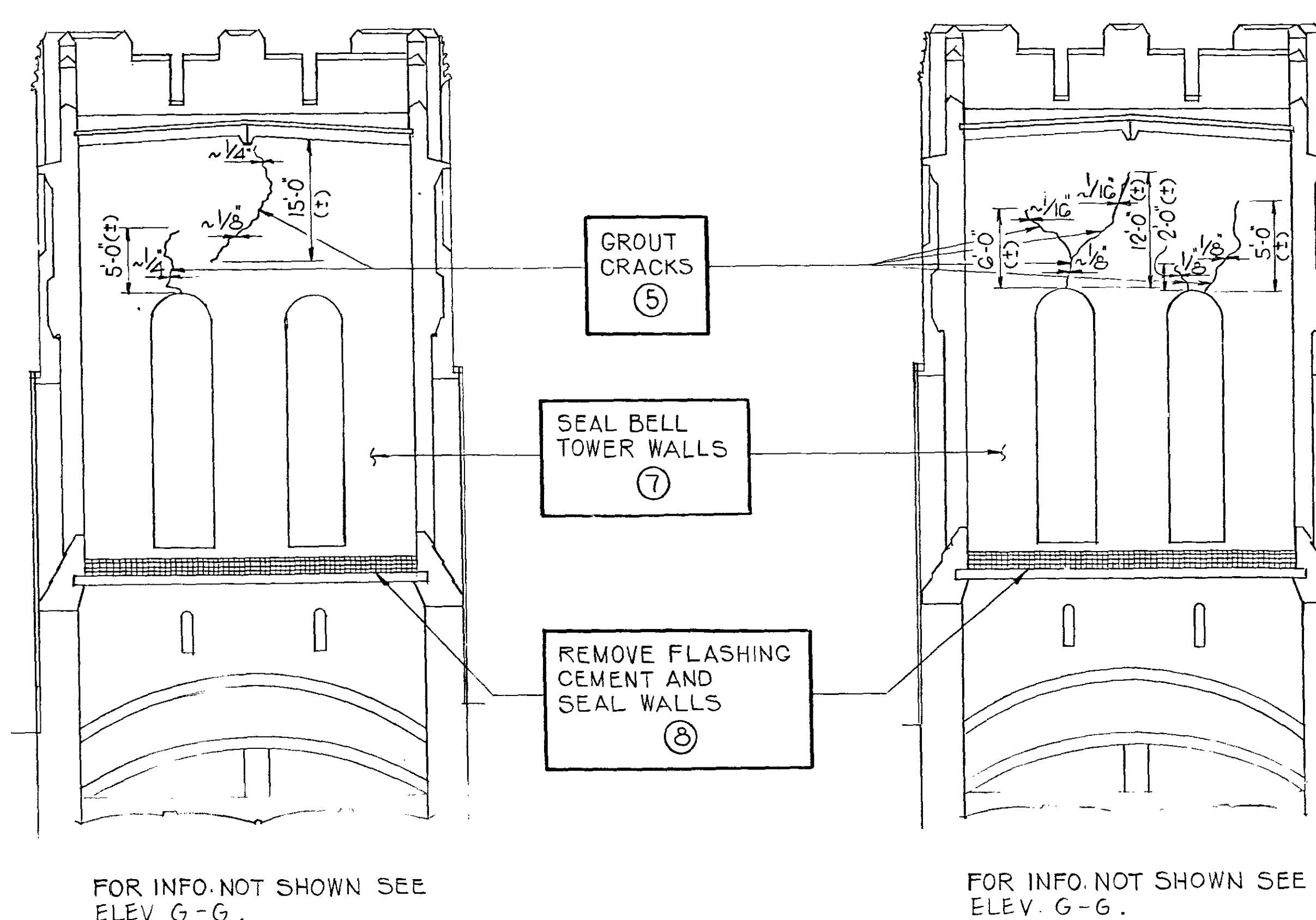


ELEVATION E-E (S101)

ELEVATION G-G (5101)  
(WOODEN CATWALK AND BELLS  
NOT SHOWN FOR CLARITY)

ELEVATION H-H (5101)  
(WOODEN CATWALK AND BELLS  
NOT SHOWN FOR CLARITY)

REFERENCE DWGS:  
FOR REFERENCE DWGS SEE DWG 5101



ELEVATION F-F (510)

ELEVATION J-J (SIDE)  
(WOODEN CATWALK AND BELLS  
NOT SHOWN FOR CLARITY)

ELEVATION K-K (S101)  
(WOODEN PLATFORM AND BELLS  
NOT SHOWN FOR CLARITY)

LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG 5101

[illegible]

7687-4090





REFERENCE DWGS:  
FOR REFERENCE DWGS. SEE DWG. 5101



LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG. 5101

7687-4100



13

12

11

10

9

8

7

6

5

4

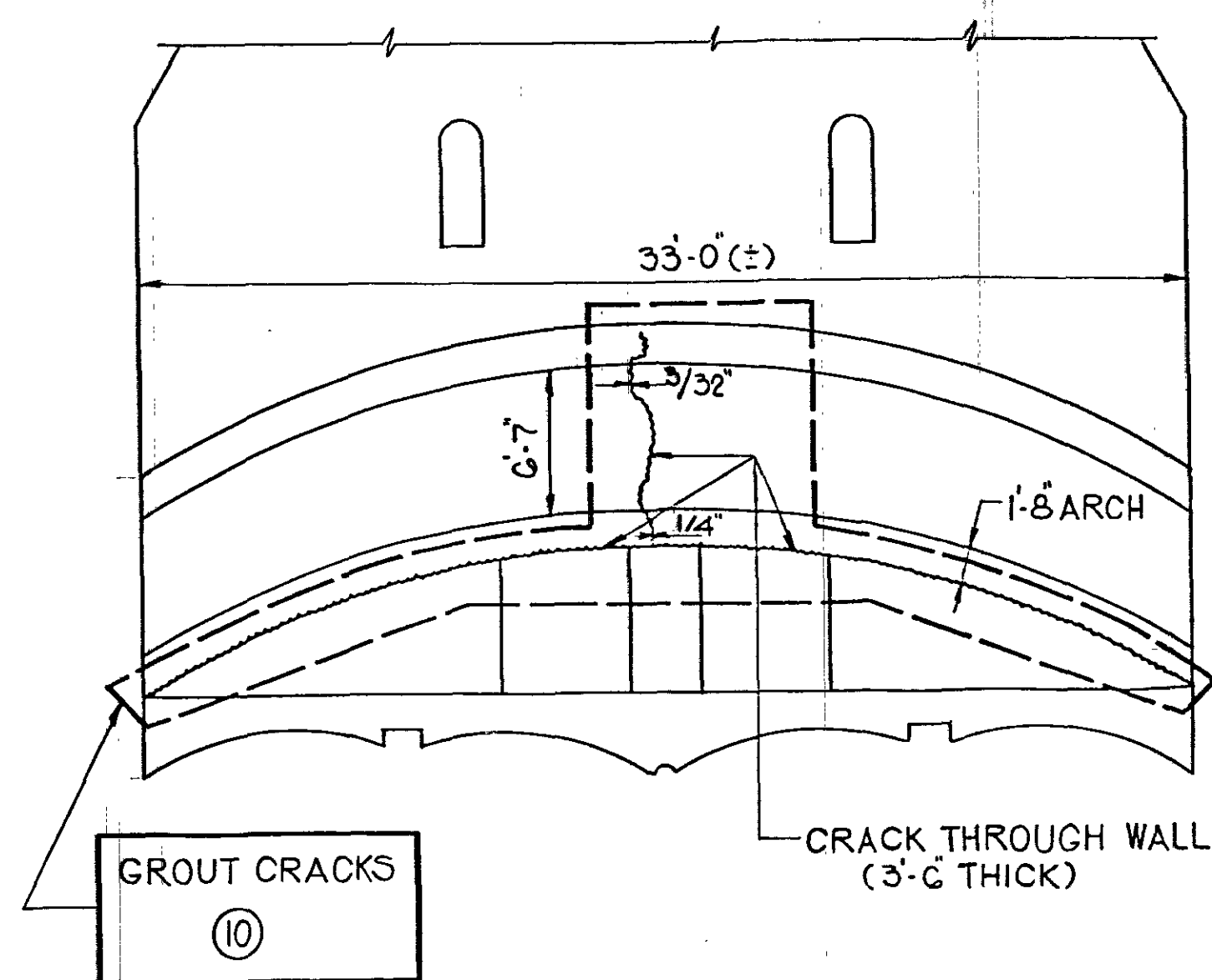
3

2

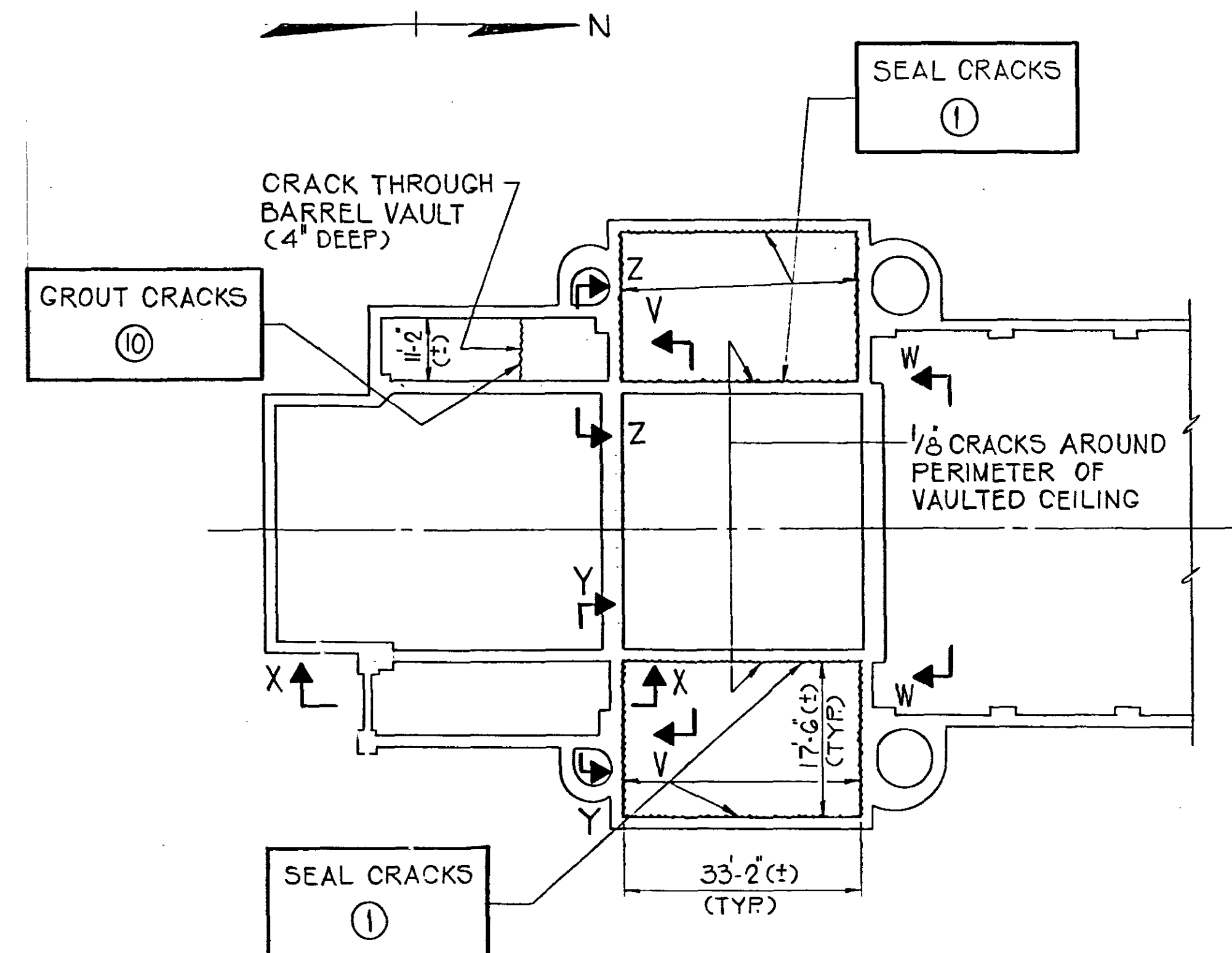
1

## NOTES:

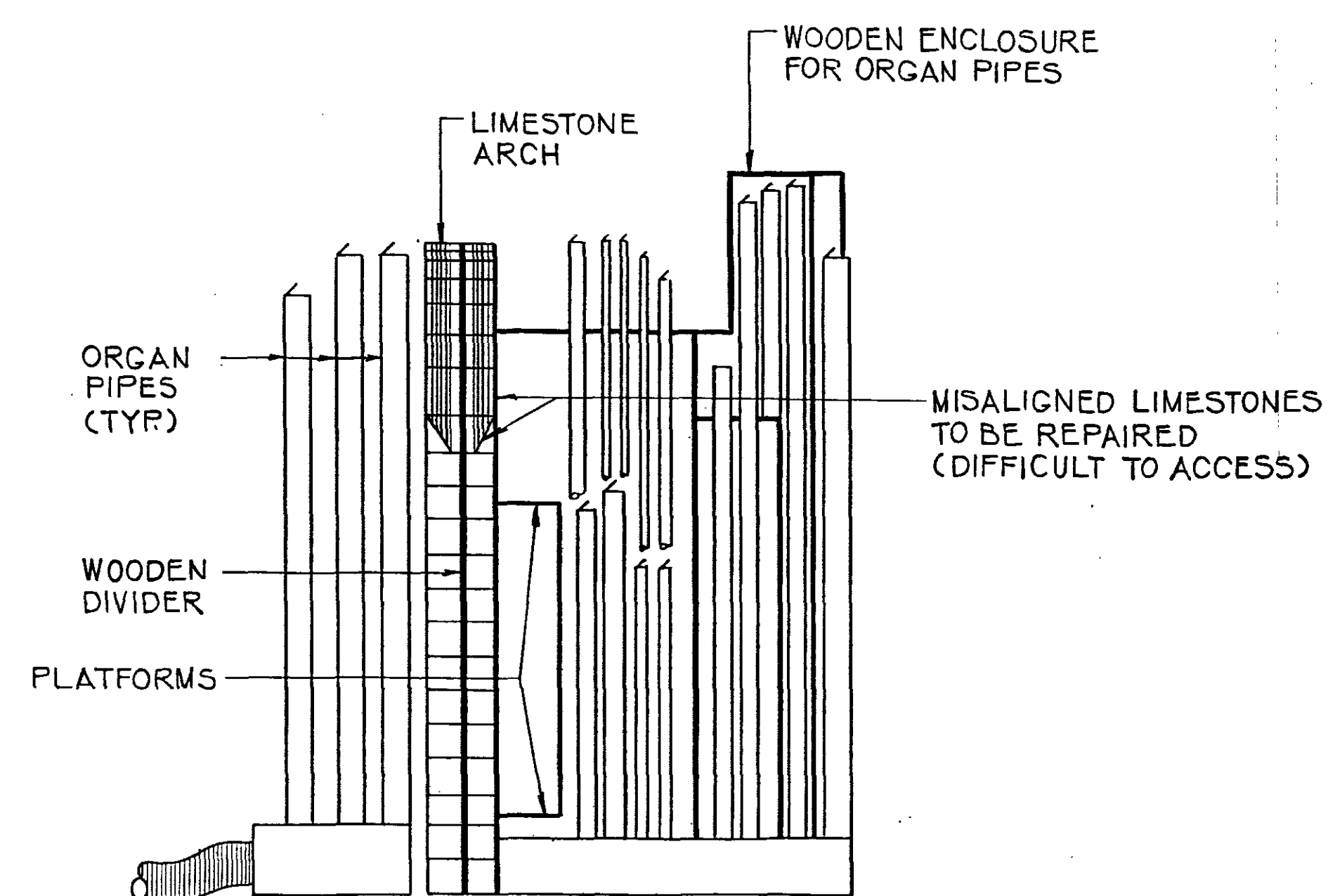
FOR NOTES SEE DWG. S102



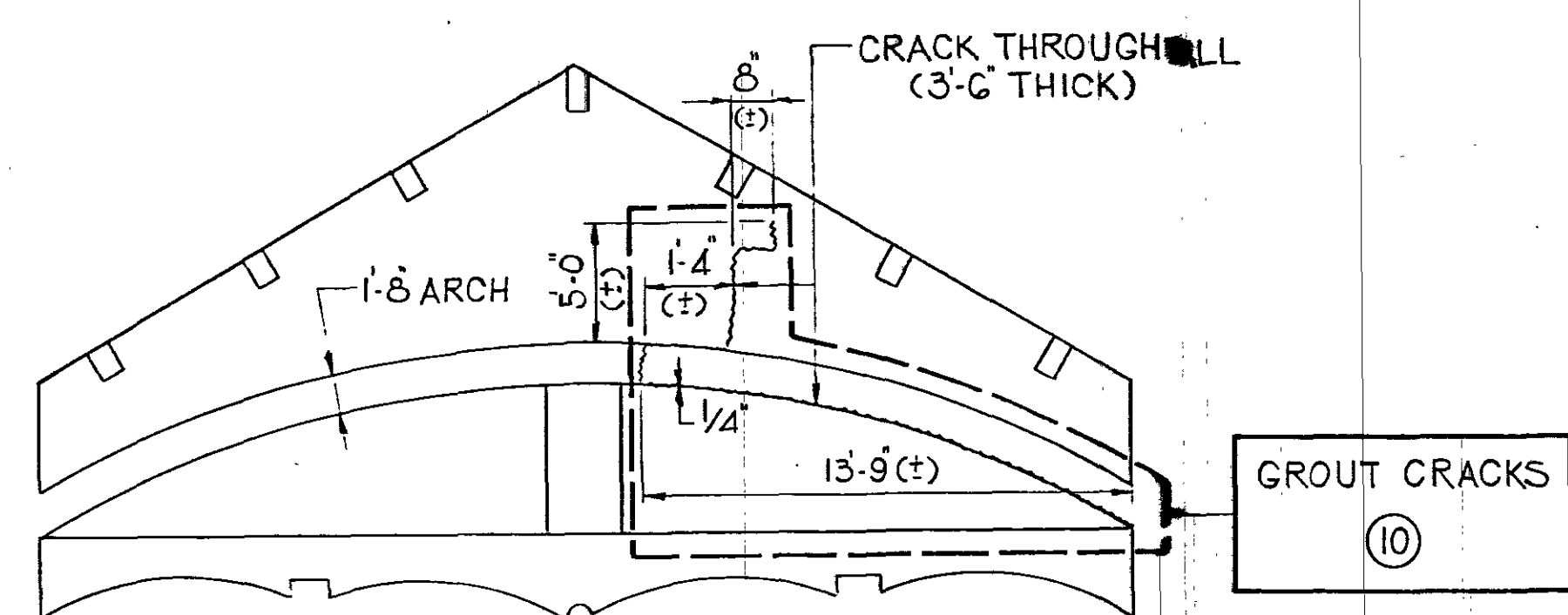
ELEVATION V-V



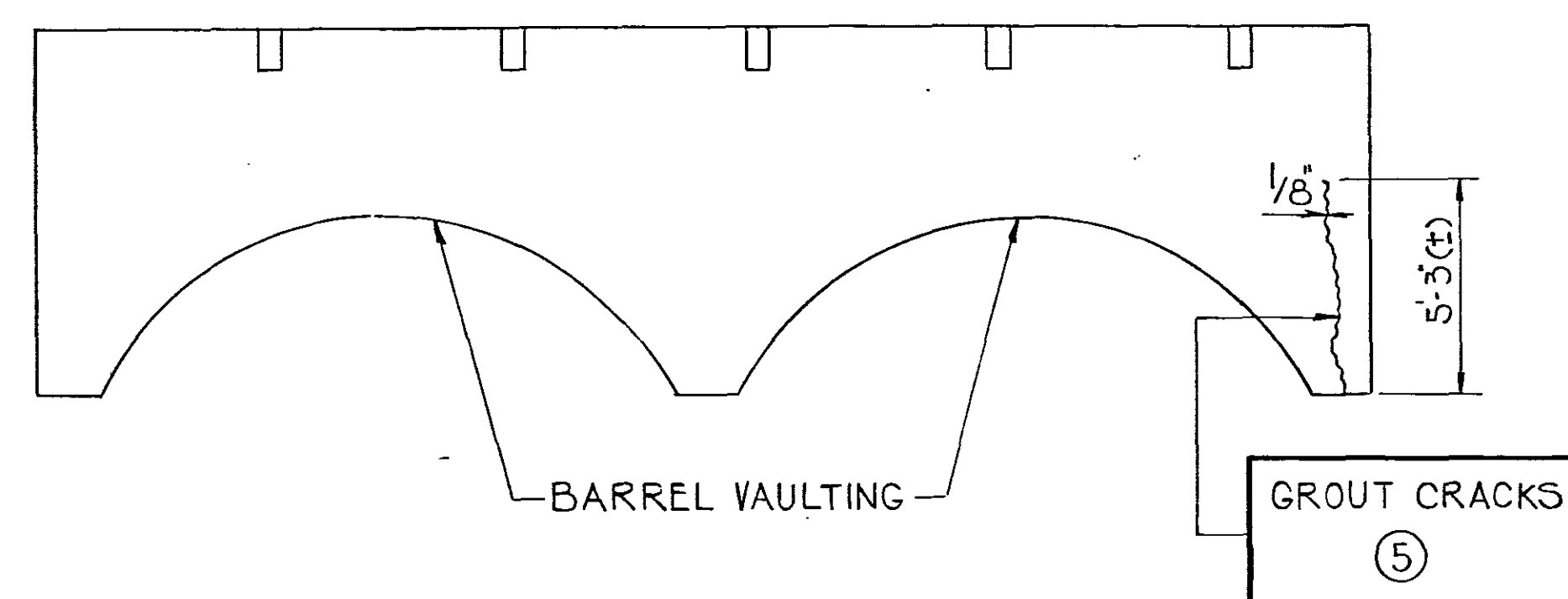
ATTIC FLOOR PLAN



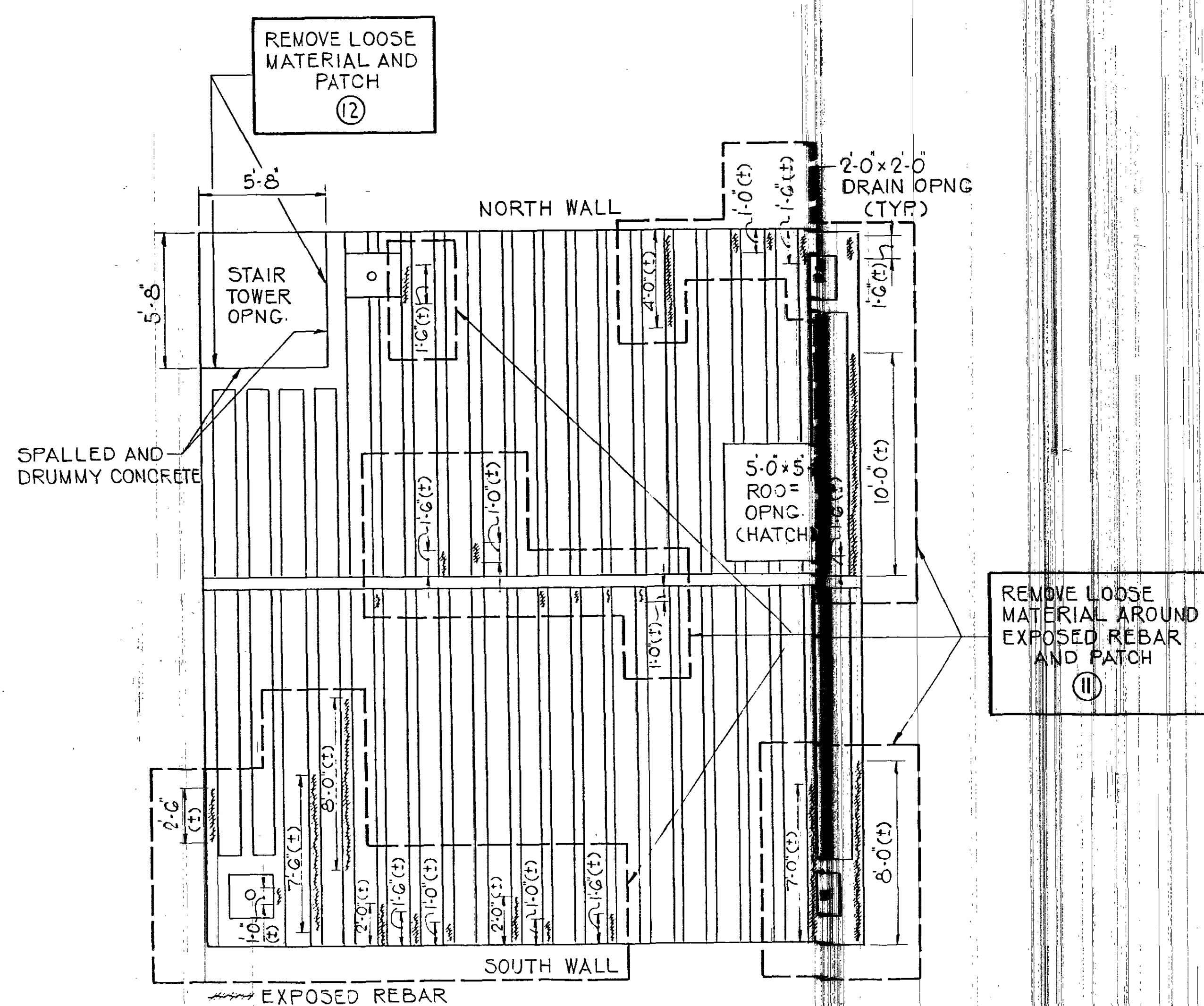
SECTION AA-AA (S104)



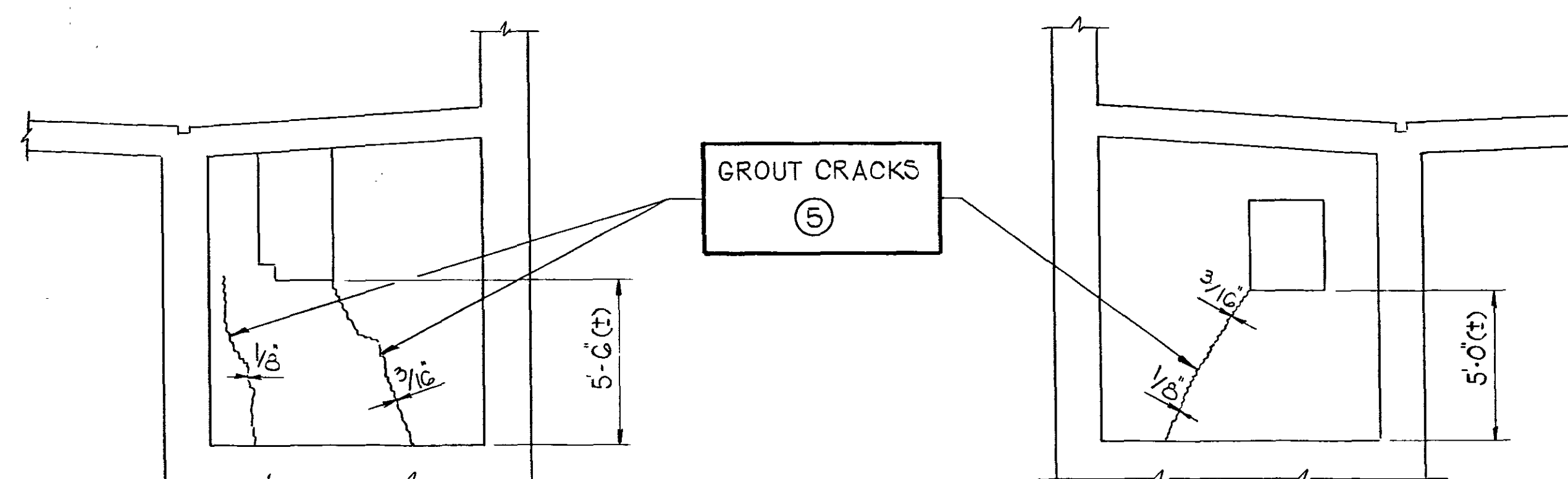
ELEVATION W-W



ELEVATION X-X



BELL TOWER REFLECTED CEILING



ELEVATION Y-Y

ELEVATION Z-Z

## REFERENCE DWGS:

FOR REFERENCE DWGS. SEE DWG. S101

## LEGEND:

FOR LEGEND INCLUDING REPAIR METHOD NUMBERS SHOWN THUS: (N) SEE DWG. S101

U.S. ARMY CORPS OF ENGINEERS  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

MASONRY REPAIRS TO CADET CHAPEL

MISCELLANEOUS PLANS AND ELEVATIONS

BURNS AND ROE INDUSTRIAL SERVICES COMPANY

Engineers and Constructors—Oradell, N.J.

A Company of Burns and Roe Enterprises, Inc.

Engineering Review		
Disc.	Engr.	Date
Arch.		
Struct.		
Elect.		
Mech.		
Plumbing		
Sanitary		
Other		
Reviewed By	Chief	Engineer
Manager-Design & Drafting		

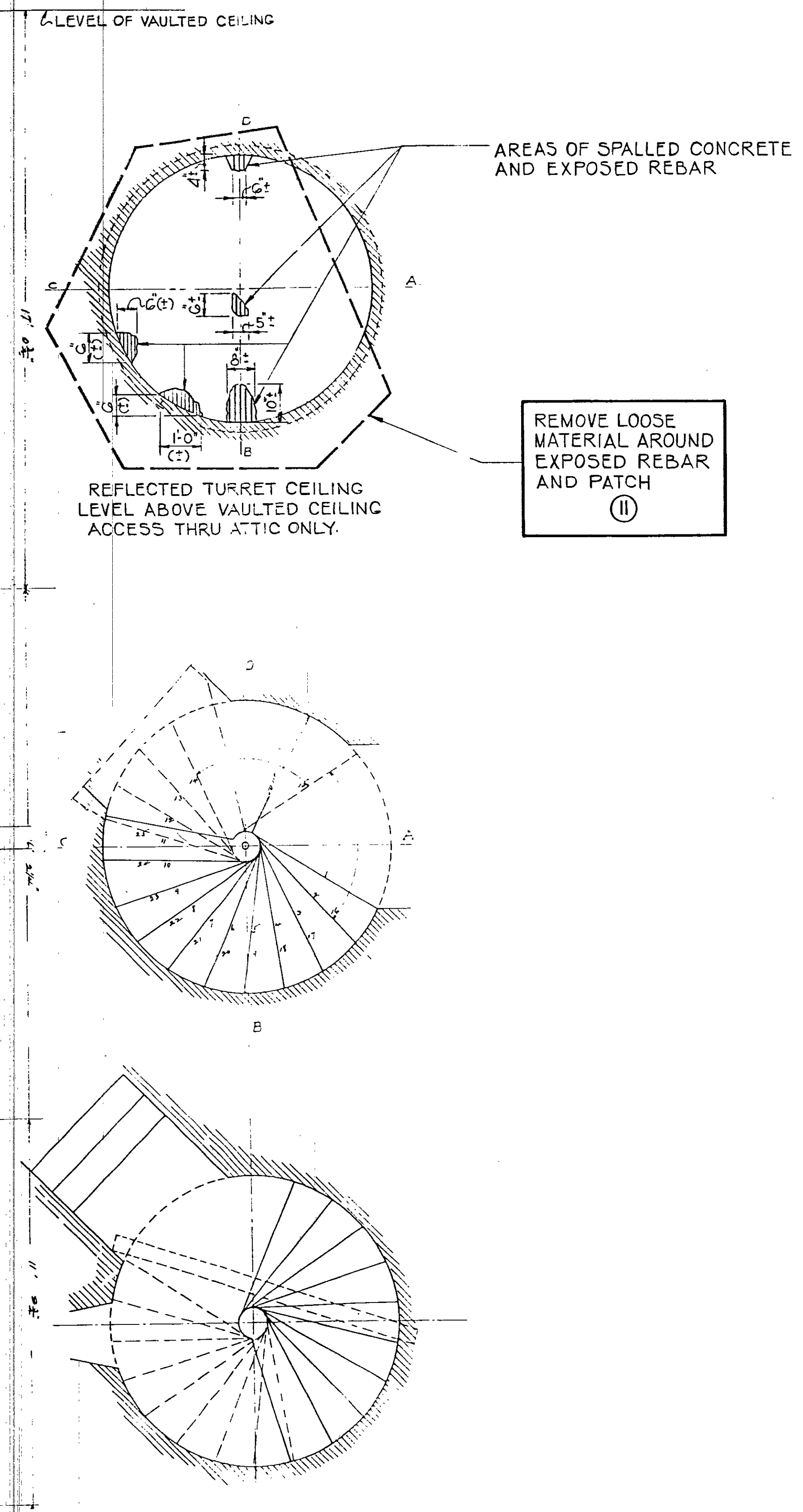
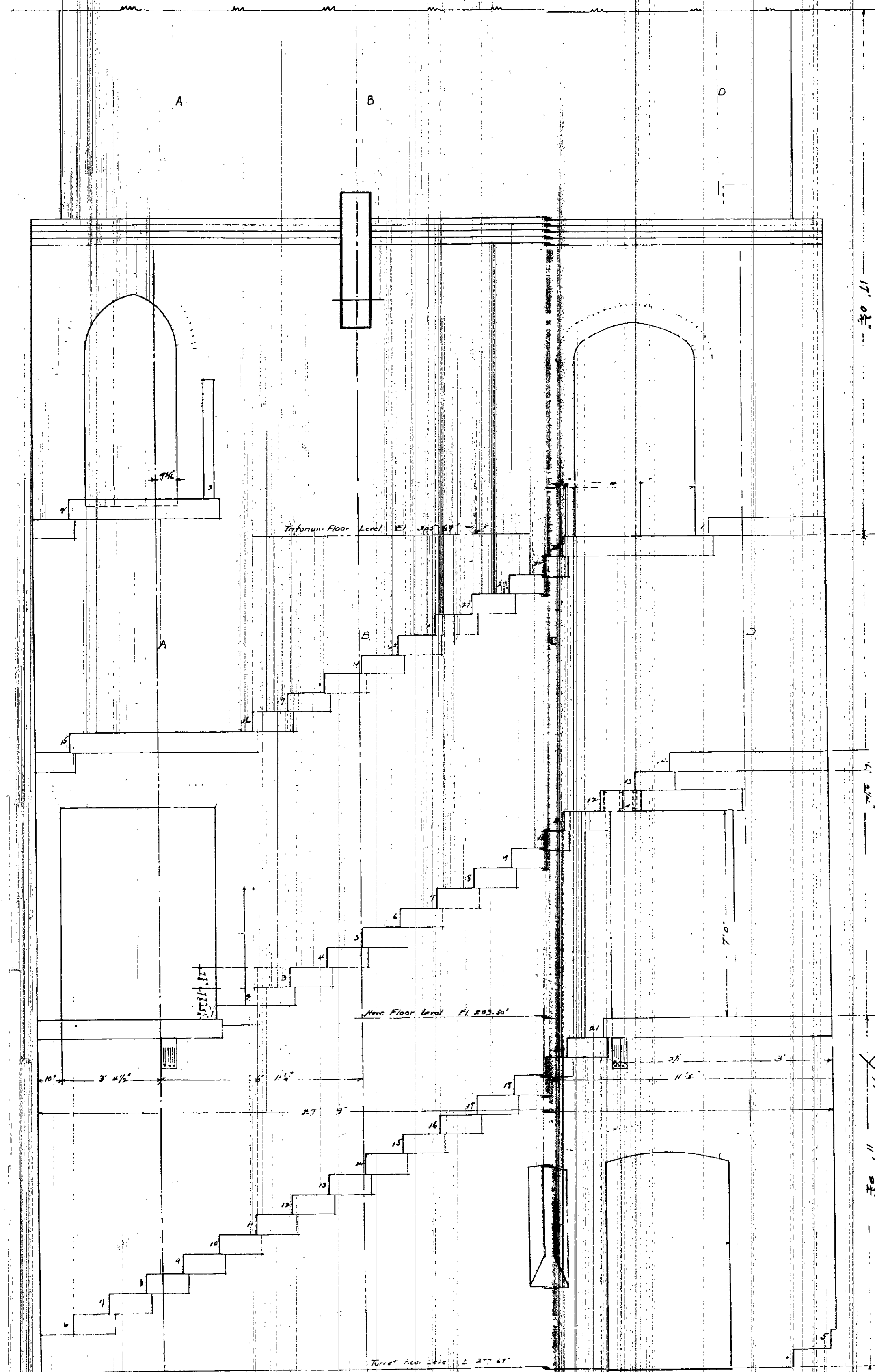
Approved for Construction Date 1/1/77  
Work Order 6728  
Drawing No. S106

7687-4101

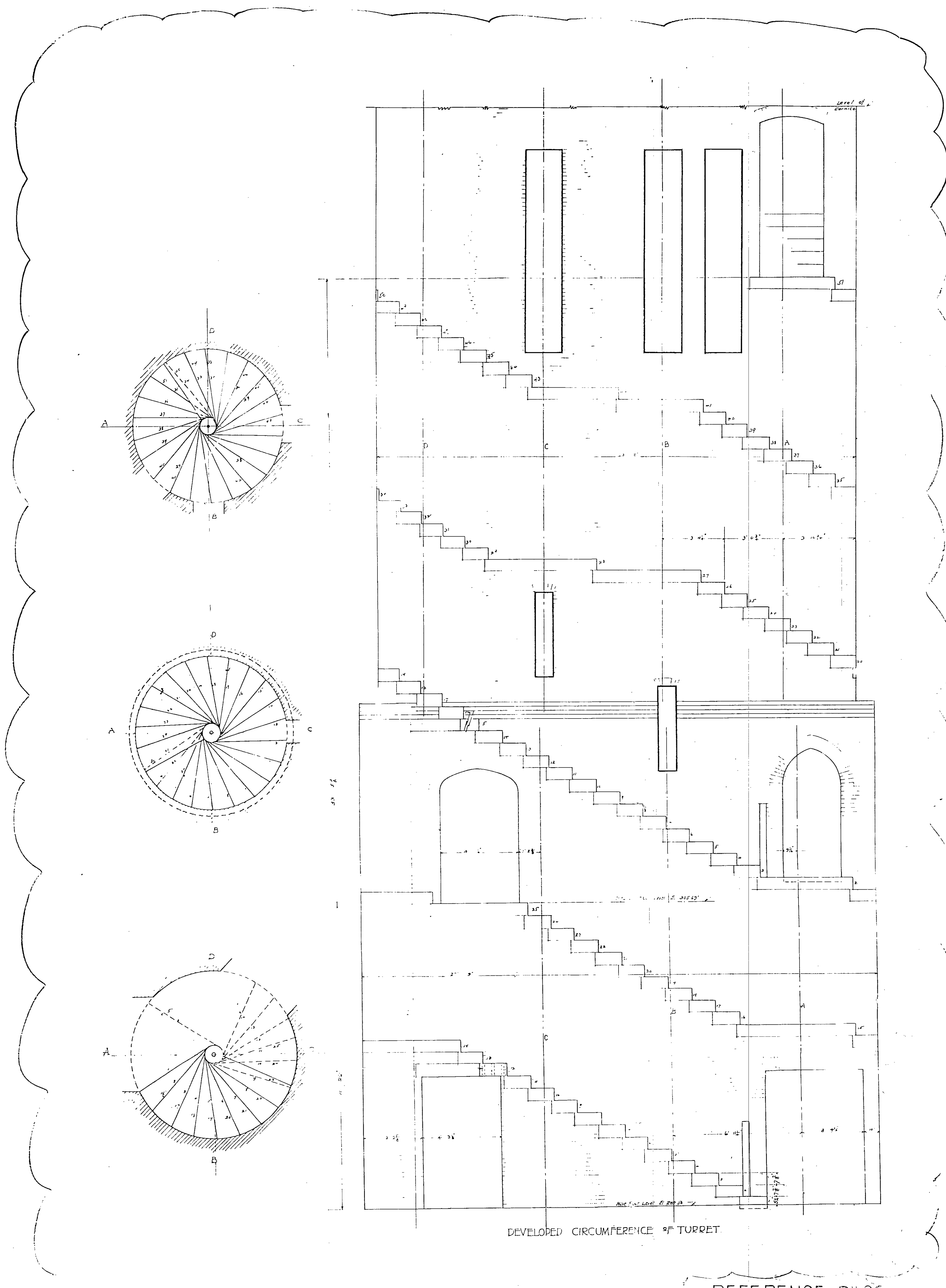
Rev. No.	Revision	Date	Des.	Chk.	Appr'd	Rev. No.	Revision	Date	Des.	Chk.	Appr'd
A	ISSUED FOR COMMENTS - PRELIMINARY DESIGN	12/1/76	SB			B	ISSUED FOR COMMENTS - FINAL DESIGN	12/1/76	SB		
C	ISSUED FOR CONSTRUCTION	12/1/76	SB								



NOTES:  
FOR NOTES SEE DWG. S102



STAIR TOWER N°1  
SCALE: 3/8"=1'-0"



STAIR TOWER N°2  
SCALE: 3/8"=1'-0"

REFERENCE DWGS.  
FOR REFERENCE DWGS. SEE DWG. S101  
LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG. S101  
GRAPHIC SCALE:  
0 6' 1' 2' 3' 4' 5' 6' 7' 8'  
3/8" = 1'-0"

U.S. ARMY CORPS OF ENGINEERS  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

MASONRY REPAIRS TO CADET CHAPEL

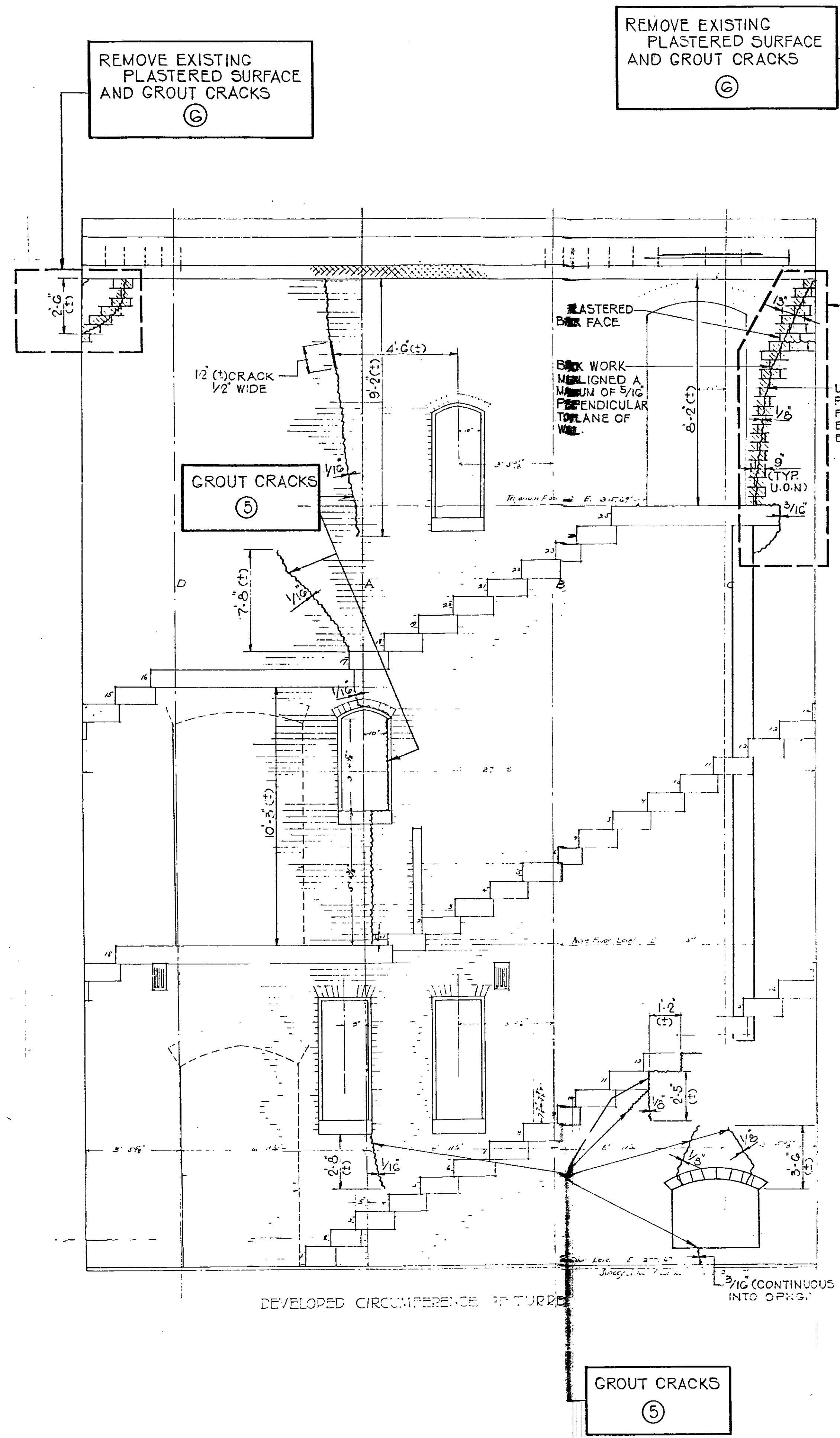
STAIR TOWER N°1 AND N°2

BURNS AND ROE INDUSTRIAL SERVICES COMPANY  
Engineers and Constructors - Orange, NJ  
A Component of Burns & Roe Enterprises, Inc.

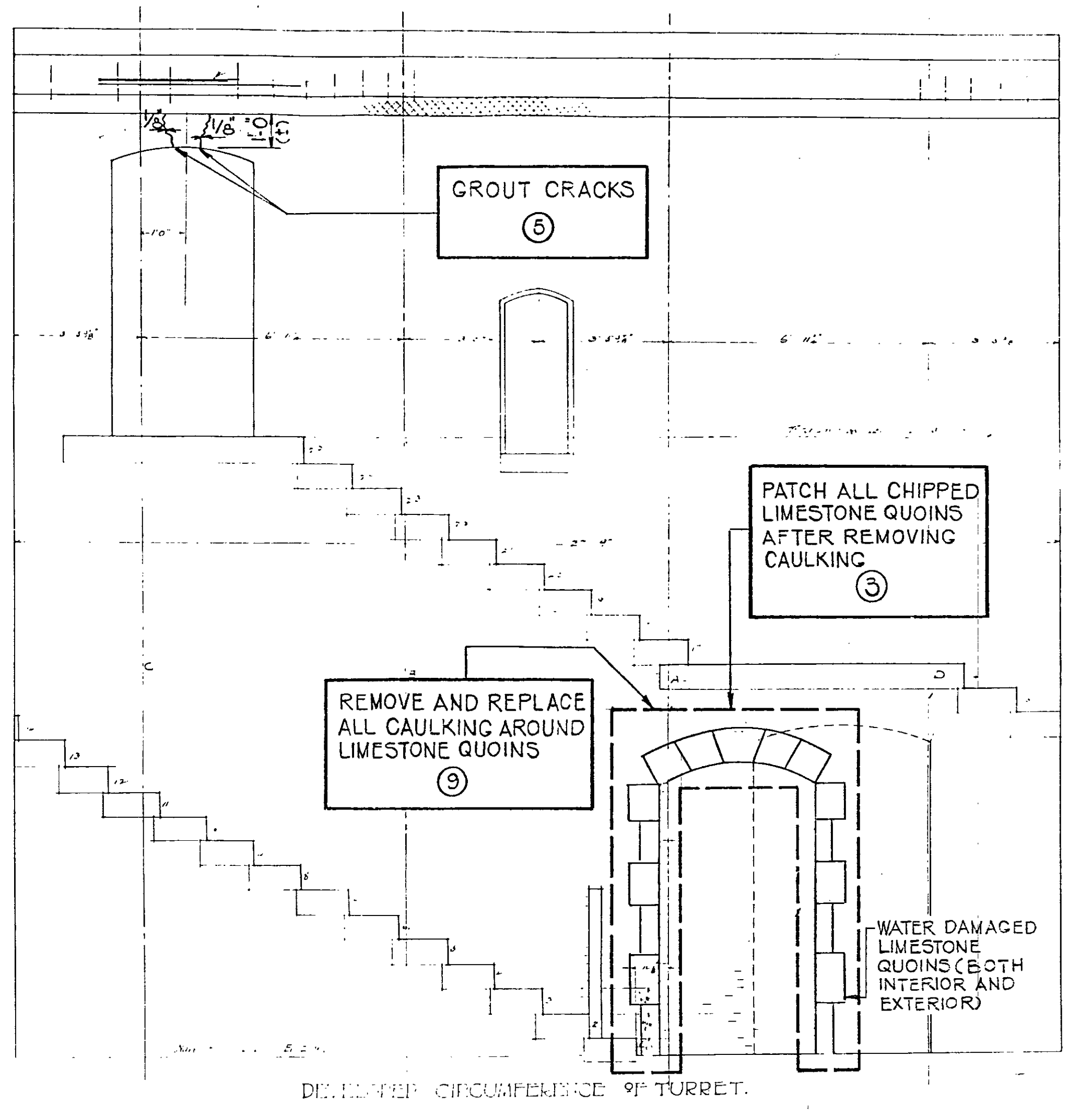
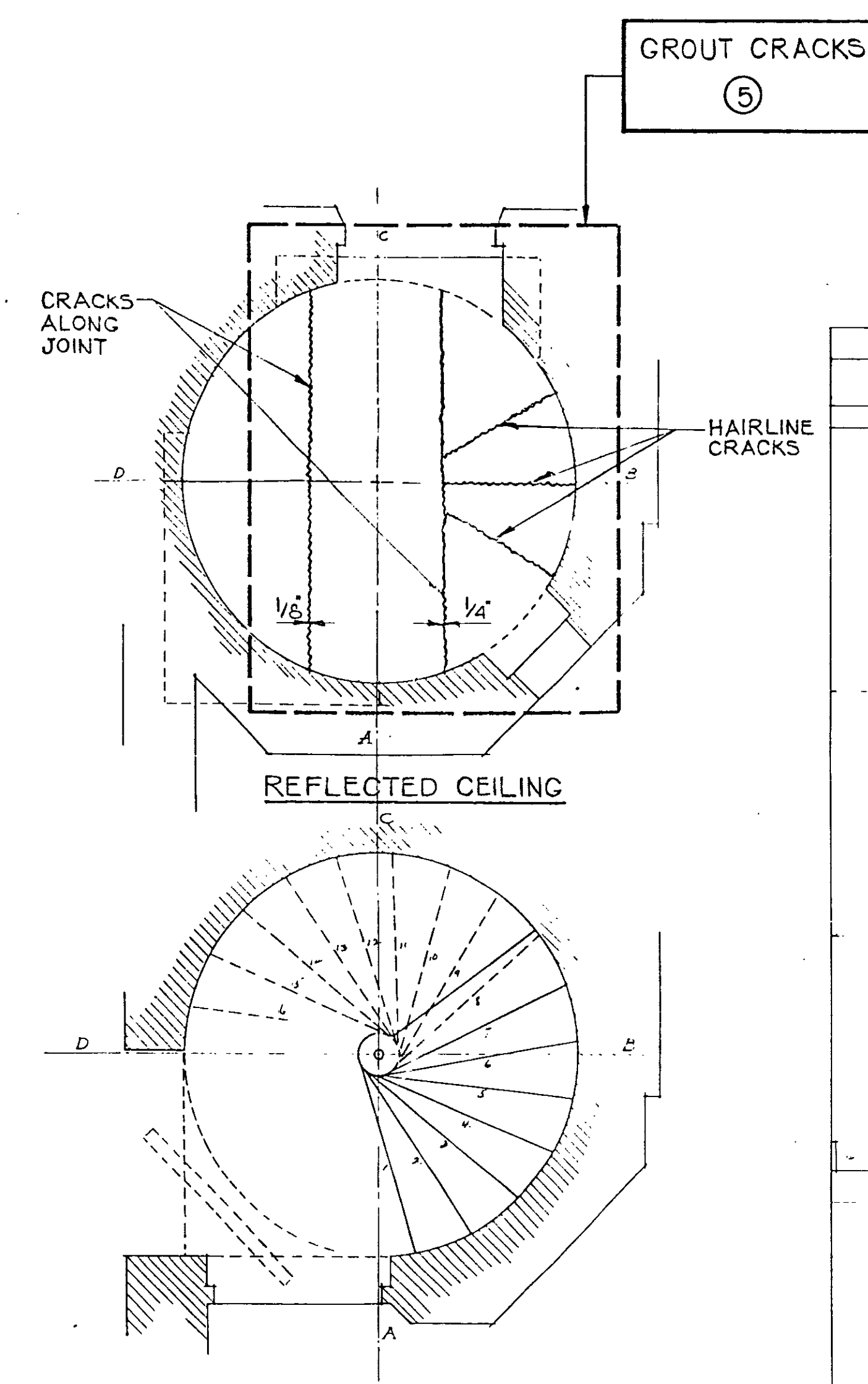
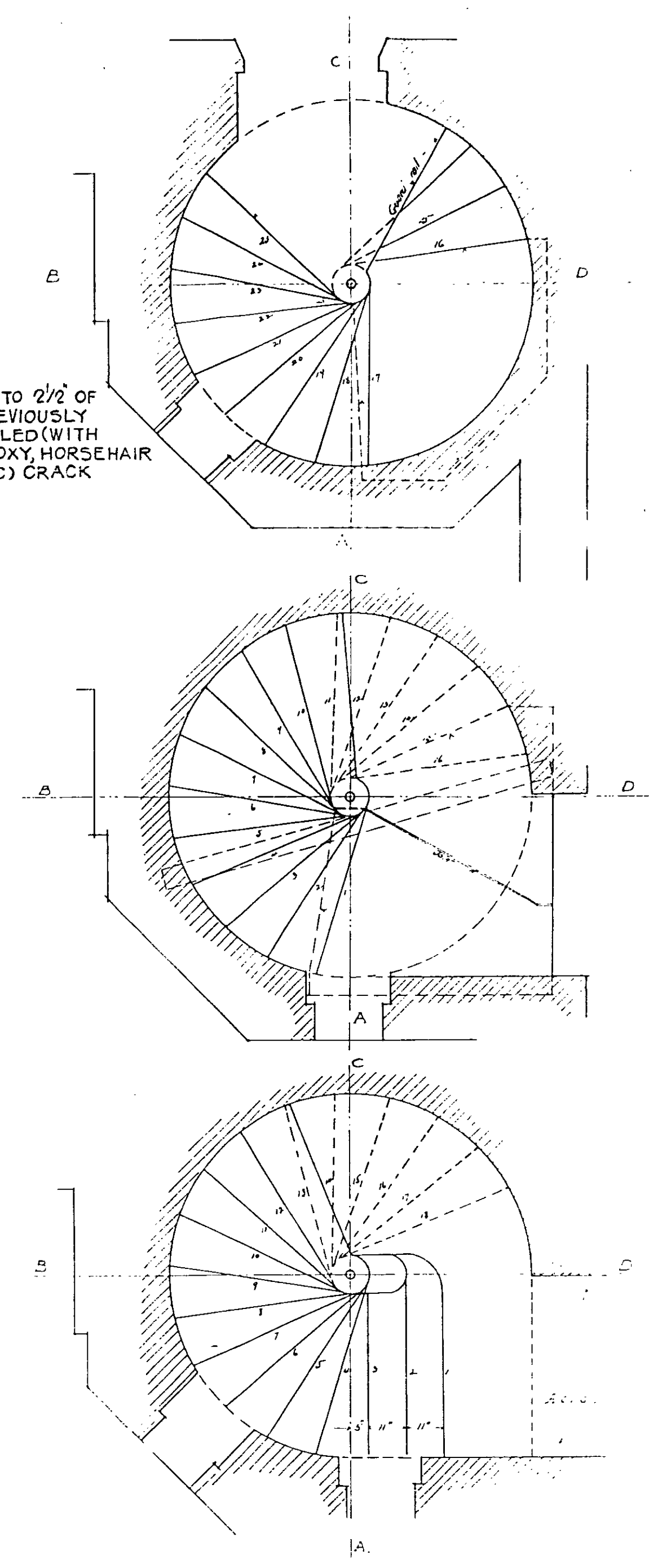
7687-4102

Rev. No.	Revision	Date	Des.	Chk.	Approved	Rev. No.	Revision	Date	Des.	Chk.	Approved
A	ISSUED FOR COMMENTS - PRELIMINARY DESIGN	1/2/01	CE			A	ISSUED FOR COMMENTS - PRELIMINARY DESIGN	1/2/01	CE		
B	ISSUED FOR COMMENTS - FINAL DESIGN	3/2/01	CE			B	ISSUED FOR COMMENTS - FINAL DESIGN	3/2/01	CE		
C	ISSUED FOR CONSTRUCTION	3/16/01	CE			C	ISSUED FOR CONSTRUCTION	3/16/01	CE		





STAIR TOWER N° 3  
SCALE: 3/8"=1'-0"

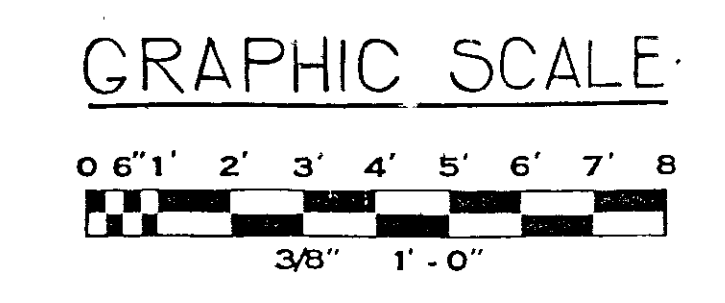


STAIR TOWER N° 4  
SCALE: 3/8"=1'-0"

NOTES:  
FOR NOTES SEE DWG. S102

REFERENCE DWGS:  
FOR REFERENCE DWGS. SEE DWG. S101

LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD NUMBERS SHOWN THUS: (N) SEE DWG. S101




U.S. ARMY CORPS OF ENGINEERS UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK	
MASONRY REPAIRS TO CADET CHAPEL	
STAIR TOWER N° 3 AND N° 4	
BURNS AND ROE INDUSTRIAL SERVICES COMPANY Engineers and Constructors—Oradell, NJ A Component of Burns and Roe Enterprises, Inc.	
Engineering Review Disc. _____ Mach. _____ Elec. _____ Civil _____ Arch. _____ Nuc. _____	Work Order 6728 Drawing No. S108

Rev. No.	Revision	Date	Des.	Chk.	Approved Chief Eng.	Rev. No.	Revision	Date	Des.	Chk.	Approved Chief Eng.
A	ISSUED FOR COMMENTS-PRELIMINARY DESIGN	12/10/91	SB								
B	ISSUED FOR COMMENTS-FINAL DESIGN	12/10/91	SB	ZH							
C	ISSUED FOR CONSTRUCTION	12/10/91	SB	AL							

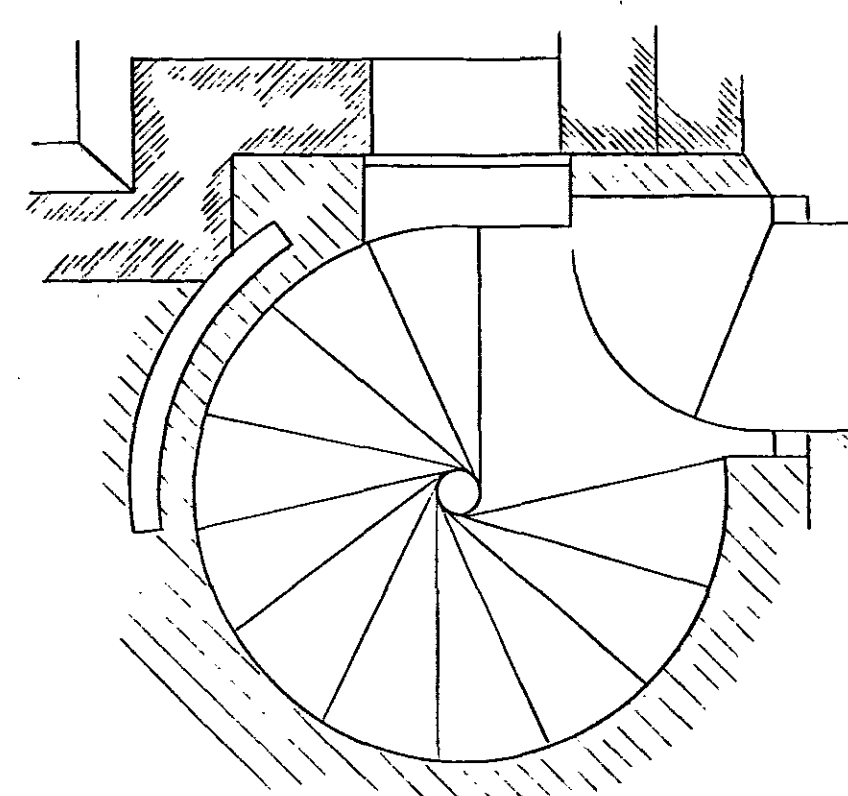


LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG. S101

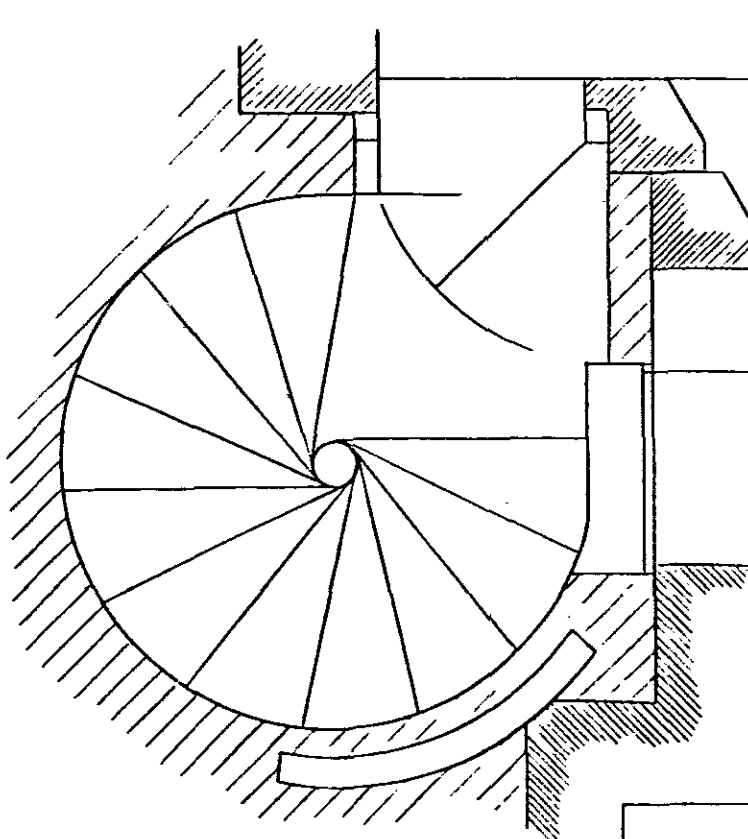
0 6" 1' 2' 3' 4' 5' 6' 7'



3/8" = 1'



STAIR TOWER N° 6  
N.T.S.

[illegible]



FOR REPOINTING AND RECAULKING WORK SEE DWG. S112

FOR WORK TO BE PERFORMED ON BELL TOWER LIMESTONE COPING AND QUINS SEE DWG. S104

REMOVE DISPLACED LIMESTONE CAULKING AND RECAULK ⑨

PATCH LIMESTONES ③

PATCH LIMESTONES ③

PATCH LIMESTONES ③

GROUT CRACKS AND PATCH REPOINT 1'-0" ± WIDTH OF GRANITE ON BOTH SIDES OF CRACKS ⑤ ⑥

REMOVE DISCARDED SPOTLIGHT

PATCH LIMESTONES ③

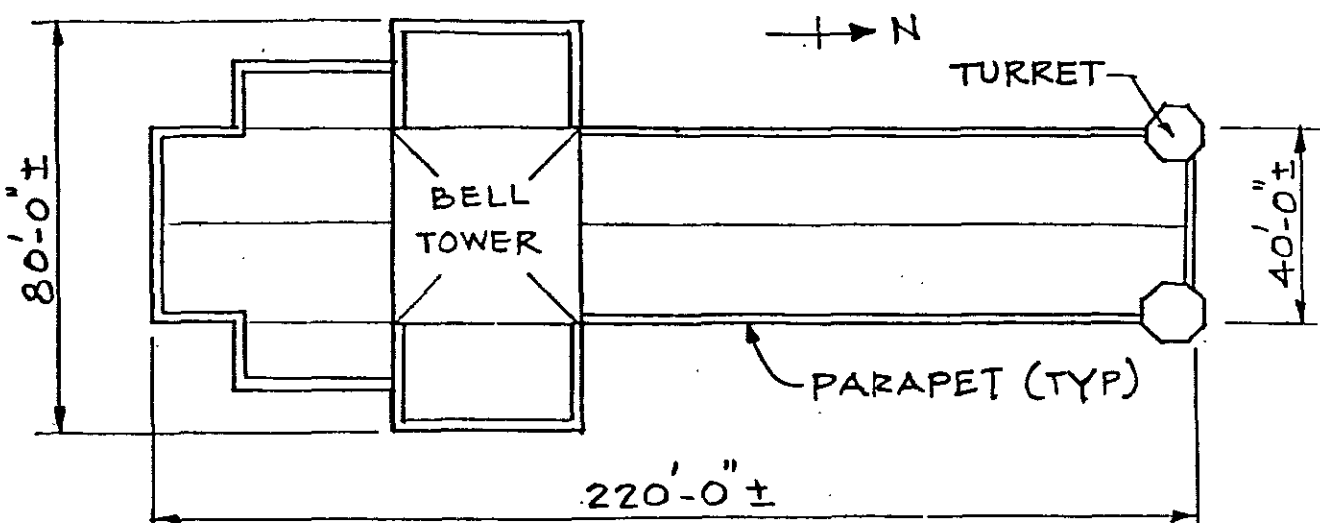
REMOVE DISCARDED SPOTLIGHT

SEE DWG. S112 FOR TURRET REMEDIATION

PATCH LIMESTONES ③

SEE NOTE 'A'

- NOTES:  
FOR NOTES SEE DWG. S102  
NOTE 'A'  
FOLLOWING WORK SHALL BE PERFORMED FOR ALL THE ROOF AREAS OF THE CHAPEL.
1. REMOVE EXISTING CAULKING AND CLEAN JOINTS, REPAIR ANY DAMAGE TO LIMESTONE CAPS, INSTALL BOND PREVENTIVE MATERIAL AND RECAULK WITH SEALANT AT LIMESTONE CAPS AND BASE AND STEP FLASHING FOR PARAPET WALLS ALL AROUND ROOF AREAS AND AT STEP FLASHING FOR BELL TOWER.
  2. CLEAN AND SEAL ALL LIMESTONE OF PARAPET WALLS WITH WATER-REPELLENT SEALANT.
  3. TOTAL LENGTH OF PARAPET IS ABOUT 600 FT.



ROOF KEY PLAN

REFERENCE DWGS:  
FOR REFERENCE DWGS. SEE DWG. S101

PATCH LIMESTONES ③

PATCH LIMESTONES ③

REMOVE LIMESTONE CAULKING AND RECAULK ⑨

REPOINT MORTAR JOINTS ⑬

PATCH PITTED LIMESTONES ③

EAST ELEVATION

LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD NUMBERS SHOWN THUS: (N) SEE DWG. S101

U.S. ARMY CORPS OF ENGINEERS  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

MASONRY REPAIRS TO CADET CHAPEL

EAST ELEVATION

BURNS AND ROE INDUSTRIAL SERVICES COMPANY  
Engineers and Constructors - Orange, NJ  
A Component of Burns and Roe Enterprises, Inc.

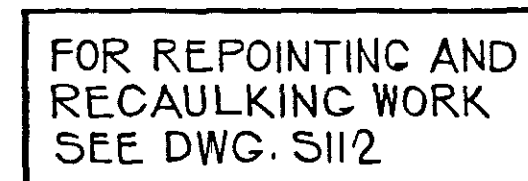
Reviewed By: [Signature] Date: 07/25/11  
Manager - Design & Drafting: [Signature] Engineer: [Signature]

7687-4105

Rev. No.	Revision	Date	Des.	Chk.	Appr'd	Rev. No.	Revision	Date	Des.	Chk.	Appr'd
A	ISSUED FOR COMMENTS - PRELIMINARY DESIGN	10/30/10	SB			B	ISSUED FOR COMMENTS - FINAL DESIGN	11/11/10	SB		
C	ISSUED FOR CONSTRUCTION	11/11/10	SB	AL							

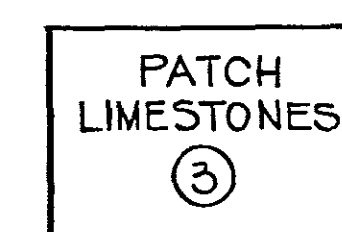


NOTES:  
FOR NOTES SEE DWG. S102  
FOR CAULKING AND SEALING OF PARAPET  
WALLS SEE NOTE A ON DWG. S110.



SECTION AC-AC

PATCH  
LIMESTONES  
(3)



LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (N) SEE DWG. 5101

## MASONRY REPAIRS TO CADET CHAPEL

**BURNS AND ROE INDUSTRIAL SERVICES COMPANY**

**BURNS AND ROE INDUSTRIAL SERVICES COMPANY**

**Engineers and Constructors—Oradell, NJ**  
A Component of Burns and Roe Enterprises, Inc.

Approved for Construction Date 5-15-92  
Scale  
6728  
SIII

Chief	CIVIL Engineer	NONE	STES	ENR
			DEN 7/587-4126	

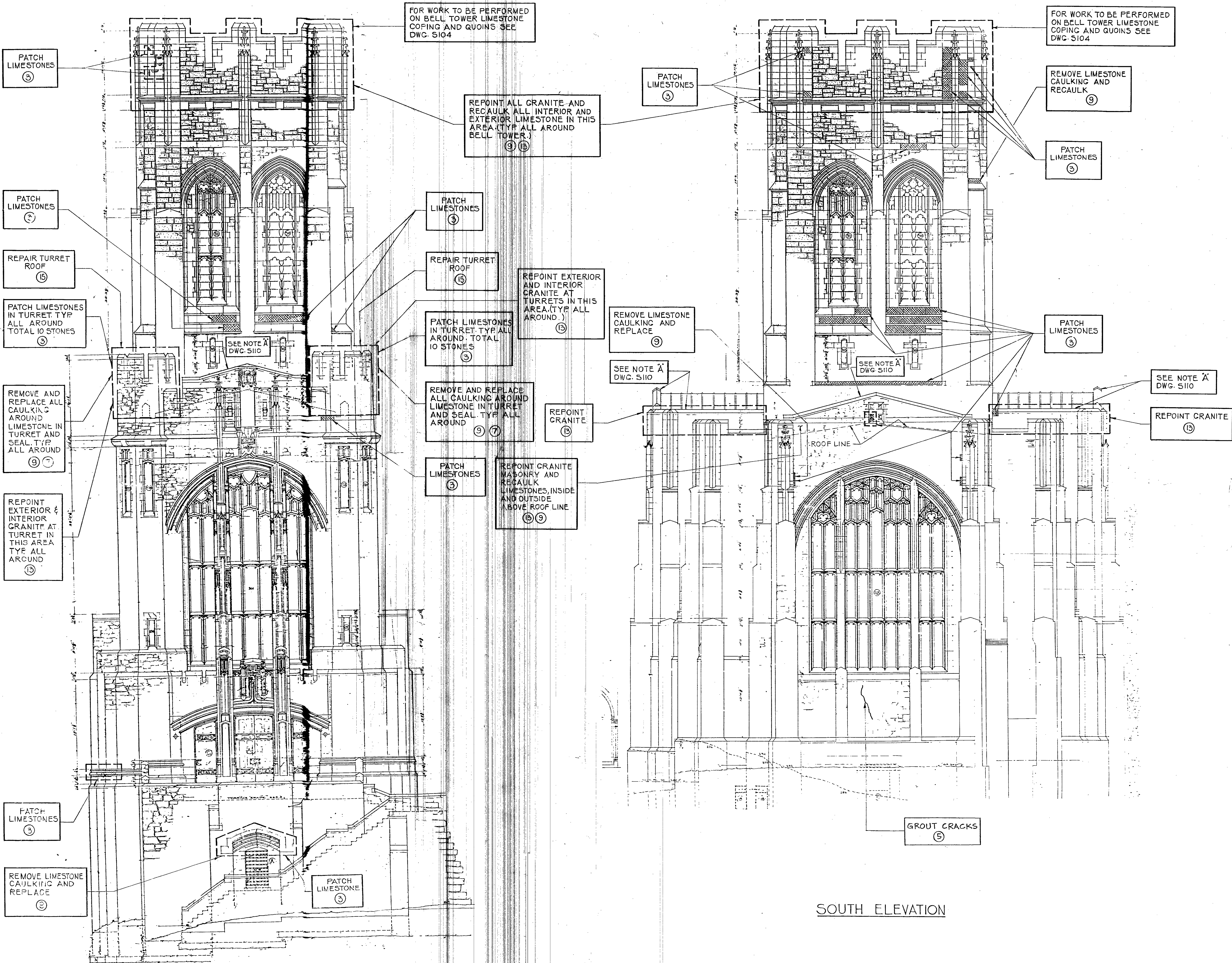
1001-7102

Revision						Revision						Drawing Control						Engineering Review			MASONRY REPAIRS TO CADET CHAPEL					
No.	Date	Drawn	Checked	Approved Chief Engr.	Rev. No.	No.	Date	Drawn	Checked	Approved Chief Engr.	Rev. No.	Purpose	Prepared By	Date	Released By	Date	Disc.	Engr.	Date							
A	ISSUED FOR COMMENTS - PRELIMINARY DESIGN	08-09-91	SB			B	ISSUED FOR COMMENTS - FINAL DESIGN	08-09-91	SB	RW																
C	ISSUED FOR CONSTRUCTION	08-09-92	SB	NL																						
Reviewed By _____ Approved for Construction _____ Date: 08-09-92 Work Order _____ Drawing No. _____																	BURNS AND ROE INDUSTRIAL SERVICES COMPANY Engineers and Constructors - Cranford, NJ A Subsidiary of Burns and Roe Enterprises, Inc.									
Manager - Design & Drafting _____ Chief Engineer _____ NONE _____																	WEST ELEVATION									



# NOTES:

1. FOR NOTES SEE DWG. S102
2. FOR CAULKING AND SEALING OF PARAPET WALLS SEE NOTE 'A' ON DWG. S110.



REFERENCE DWGS:  
FOR REFERENCE DWGS. SEE DWG. S101

LEGEND:  
FOR LEGEND INCLUDING REPAIR METHOD  
NUMBERS SHOWN THUS: (3) SEE DWG. S101

SOUTH ELEVATION

NORTH ELEVATION

U.S. ARMY CORPS OF ENGINEERS  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

MASONRY REPAIRS TO CADET CHAPEL

NORTH AND SOUTH ELEVATION

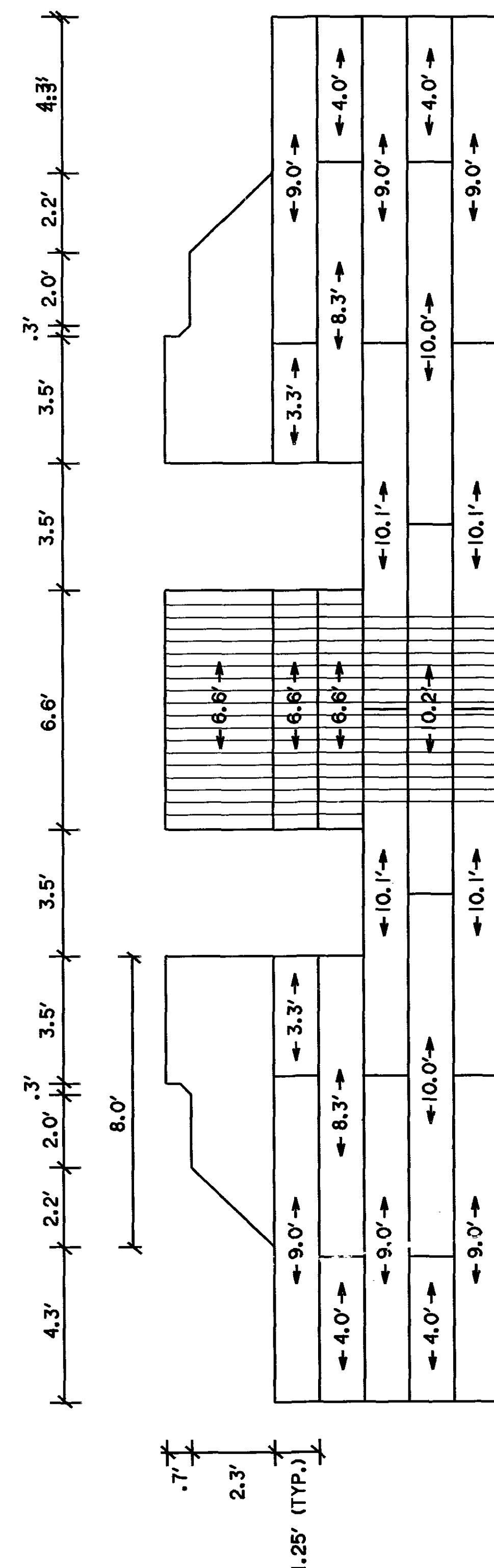
BURNS AND ROE INDUSTRIAL SERVICES COMPANY  
Engineers and Constructors—Oradell, NJ  
A Component of Burns and Roe Enterprises, Inc.

Approved for Construction Date 1/1/78 Work Order 6725  
Reviewed By Chief Engineer Date 1/1/78  
Manager Design & Drafting Chief Engineer

7687-4107



DESIGN LOADS:



FROST DEPTH	54 INCHES
SEISMIC ZONE	2A

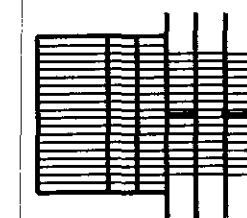
**DESIGN LOADS:**

LIVE LOADS

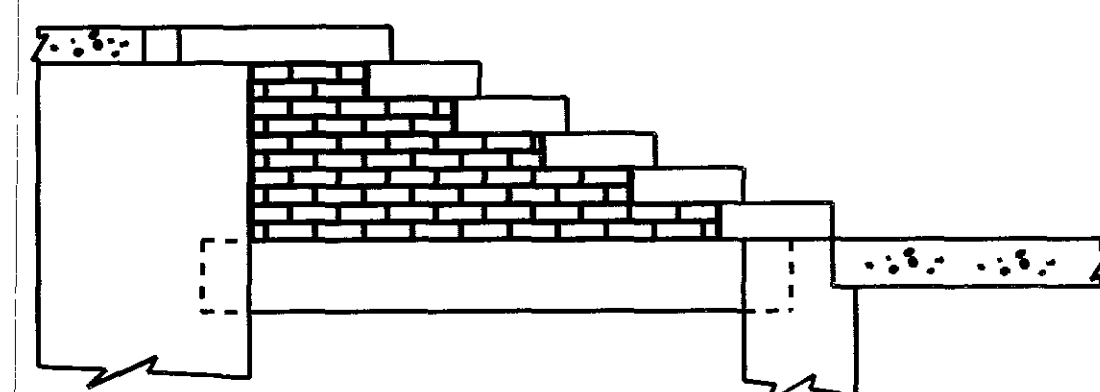
- ASSEMBLY LOADS - 150 PSF
- SNOW LOADS
  - GROUND SNOW LOAD - 40 PSF
  - DRIFT SNOW LOAD - 17 PSF (MAX.)

### DEAD LOADS

- SELF WEIGHT OF CONCRETE BEAM - 150 PCF
- BRICK - 130 PCF
- BLUESTONE - 170 PCF



TRIBUTARY AREA = 7'-0" ±



### LIVE LOADS

- ASSEMBLY LOADS      - 1,050 PLF
- SNOW LOADS            - 400 PLF

### DEAD LOADS

- SELF WEIGHT OF CONCRETE BEAM - 150 PLF
- BRICK - 325 PLF
- BLUESTONE - 820 PLF

**DESIGN LOADS:**

DEAD LOAD = 1,300 PLF

LIVE LOAD = 1,500 PLF

FACTORED LOADS: 1.4 DL + 1.7 LL

**CONCRETE**

COMPRESSIVE STRENGTH - 3,000 PSI MIN. @ 28 DAYS, NORMAL WEIGHT

FLEXURAL STRENGTH - 600 PSI 28 DAYS

ASTM A615 GRADE 60

## REINFORCING

1. CONCRETE WORK SHALL CONFORM TO ACI 318-95, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
2. MINIMUM COVER FOR CONCRETE REINFORCEMENT: 1/2"
3. "PRECAST" - IF ADEQUATE CLEARANCE AT BEAM POCKETS IS FOUND, PROVIDE PRECAST BEAMS ADEQUATE TO CARRY THE DESIGN LOADS.
4. "POURED IN PLACE" - IF SUFFICIENT CLEARANCE IS NOT FOUND, PROVIDE POURED IN PLACE BEAMS. VERIFY CLEARANCE FOR 12"x12" BEAM DESIGN PROVIDED IN CONTRACT DRAWINGS. STRUCTURAL DESIGNER WILL MODIFY AS REQUIRED. VARYING LENGTH BEAMS WILL BE DESIGNED UPON VERIFICATION OF CLEARANCES.
5. LOWER PERMEABILITY OF CONCRETE MIX WITH 5% SUBSTITUTION OF SILICA FUME FOR CEMENT, WATER CEMENT RATIO OF .45, INCREASE SLUMP WITH PLASTICIZER. DO NOT WATERPROOF.

STRUCTURAL STEEL:

## HIGH STRENGTH ANCHOR RODS

B7 AISI 4140, ASTM A193

MASONRY:

**NEW:**

CLAY BRICK  
MORTAR  
JOINT REINFORCEMENT

ASTM C62 GRADE SW - STANDARD MODULAR & ENGINEER MODULAR  
ASTM C270 TYPE S (NEW BRICK)  
RECTANGULAR

1. HORIZONTAL JOINT REINFORCEMENT SHALL BE RECTANGULAR NO. 9 GAUGE, PLACED EVERY 5th COURSE VERTICALLY, MAX 2 2/3 SQ. FT. PER EACH RECTANGULAR REINF.
2. ALTERNATE "ENGINEER MODULAR BRICK" AND "STANDARD MODULAR BRICK" TO ACCOMMODATE 6" STEP HEIGHT. MINIMIZE CUTTING BRICK. PROVIDE LEVEL, UNIFORM SUPPORT FOR STEPS.

**EXISTING:**

MORTAR

ASTM C270 TYPE N (REPOINTING EXISTING MASONRY)

STONE:

BLUESTONE (TO MATCH EXISTING)      ASTM C97, C170, C241, C880

OPTION 1:

REMOVE, SALVAGE, CLEAN, REPAIR & RESET EXISTING STEPS/REPLACE DEFECTIVE STEPS.

**OPTION 2:**

REMOVE EXISTING STEPS/REPLACE ALL STEPS


WOOD DOORS:

1. IDENTIFY FINISH PROBLEM.
2. RESTORE DOORS TO MATCH HISTORIC FINISH.
3. DOOR HARDWARE SHALL BE REPAIRED, REFINISHED AND RESTORED TO PROPER WORKING CONDITION.


## INDEX OF DRAWINGS

SHEET NO.	FILE NO.	TITLE
S-1	7687-7660	GENERAL NOTES
S-2	7687-7661	EXISTING CONDITIONS
S-3	7687-7662	STAIR PLANS & SECTIONS
S-4	7687-7663	MISCELLANEOUS SECTIONS

Revision	Description	Date	Approved



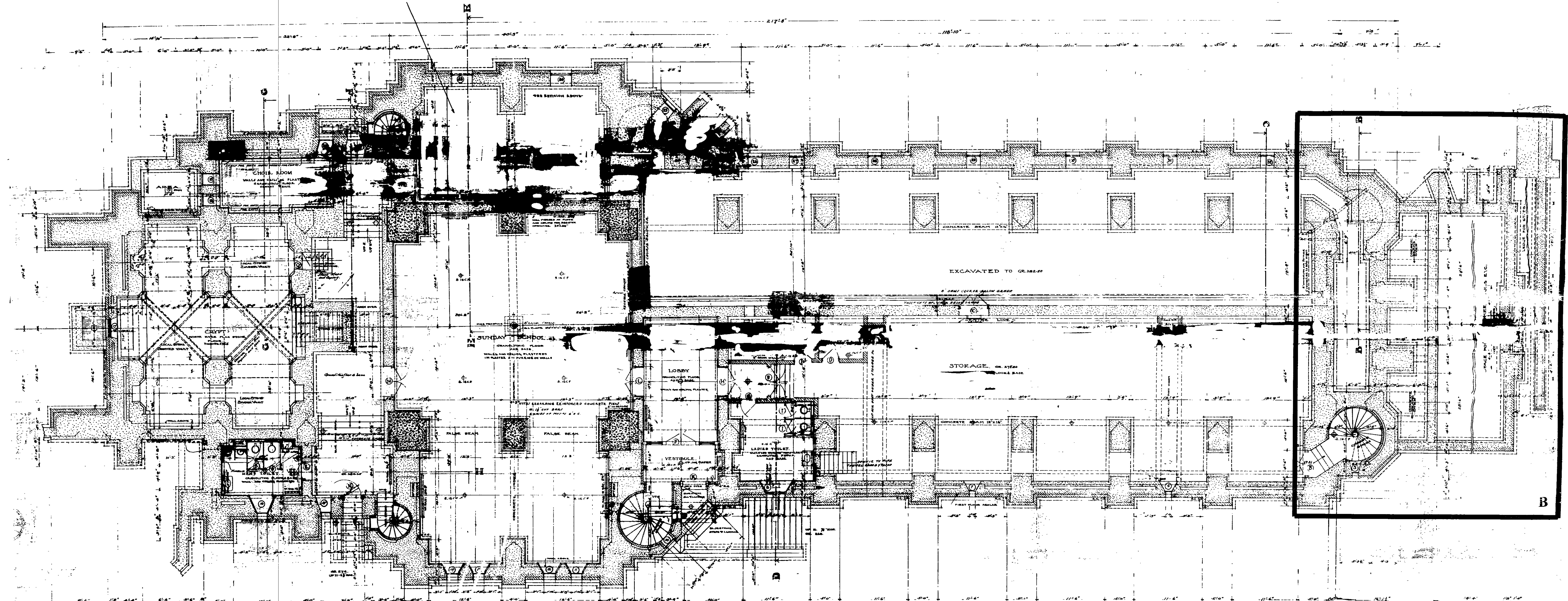
**U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK**

Designed by:  J.LAULETTA	<p><b>UNITED STATES MILITARY ACADEMY</b></p> <p><b>CADET CHAPEL</b></p> <p><b>REPAIR OF FRONT STEPS</b></p> <p><b>GENERAL NOTES</b></p>	<p><b>NEW YORK</b></p>
Drawn by:  J.LAULETTA		
Checked by:  G. J. C.		
Reviewed by:  SECTION CHIEF		
Concurred by:  _____	Approval Recommended:  _____ CHIEF, ENGINEERING DIVISION	<p><b>SHEET REFERENCE NUMBER:</b></p> <p><b>S-1</b></p>
CONV. DESIGN BRANCH	Approved by:  _____ COLONEL, C.E. DISTRICT ENGINEER	
		<p><b>DATE:</b> FEBRUARY 1998</p> <p><b>SCALE:</b> NONE</p> <p><b>SHEET</b></p>

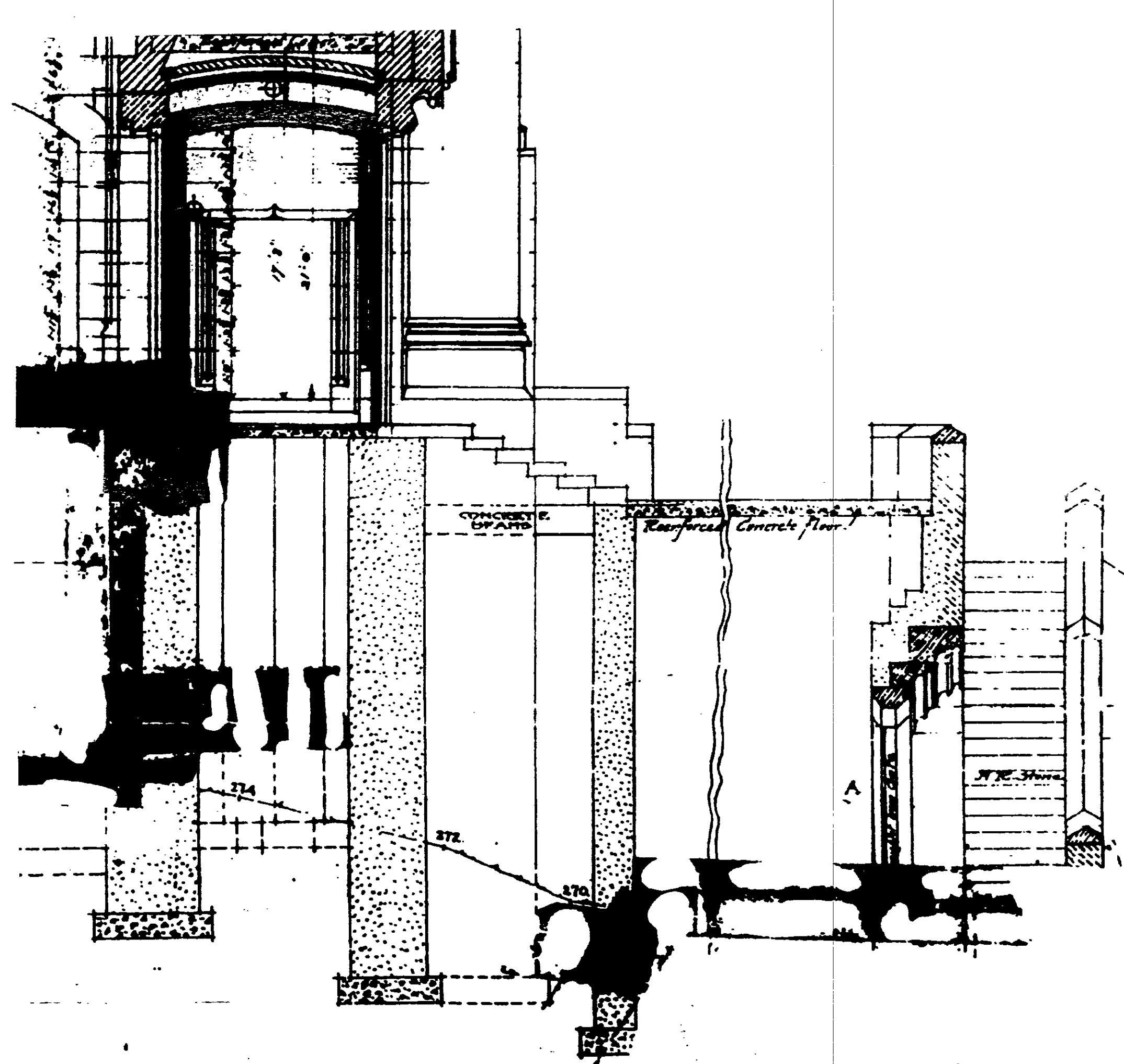
1
**FILE NO. 7687-7660**

1 FILE NO. 7687-7660

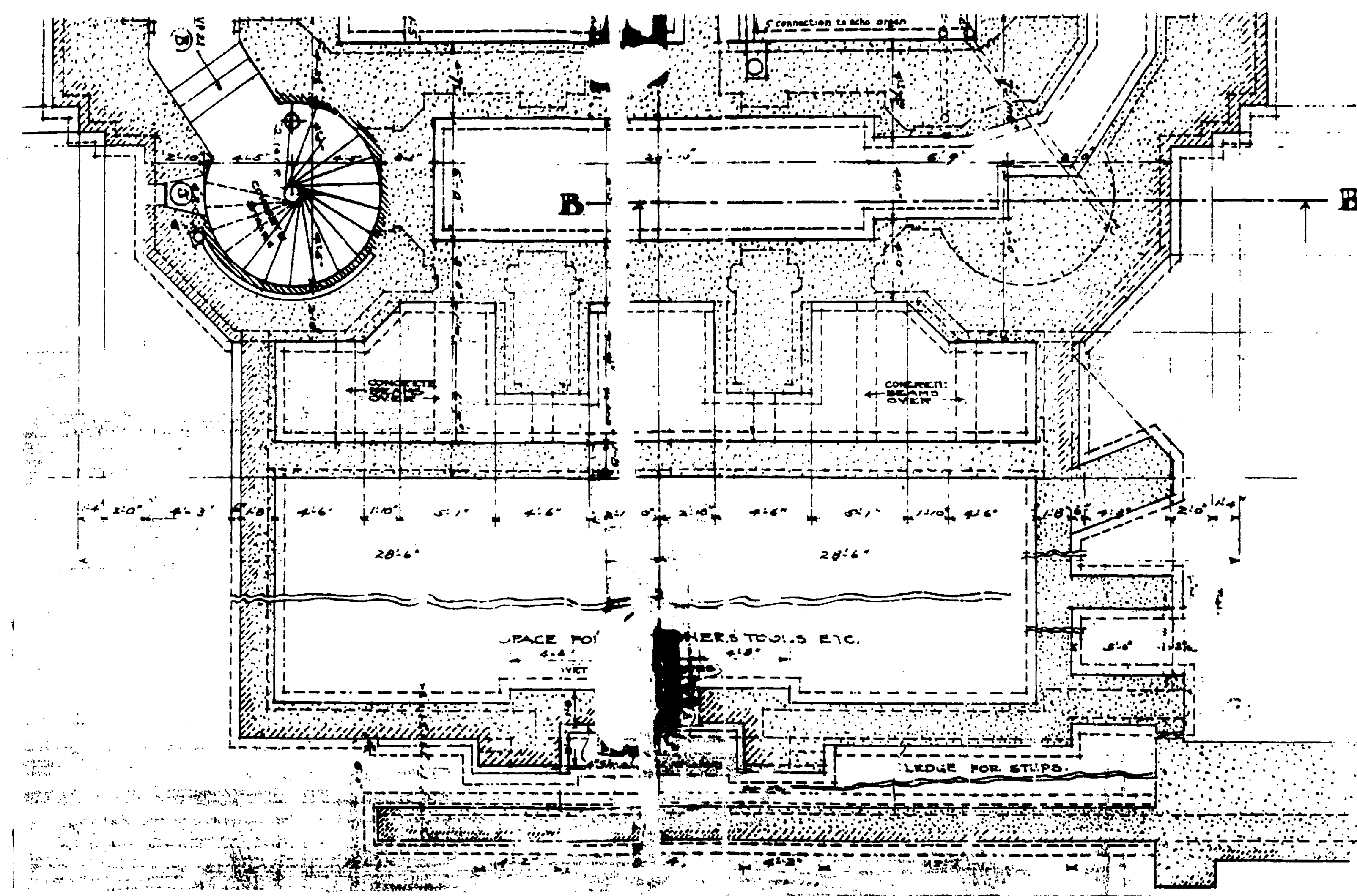




FOUNDATION PLAN  
SCALE: 1/8" = 1'-0"



DETAIL A  
SCALE: 1/4" = 1'-0"

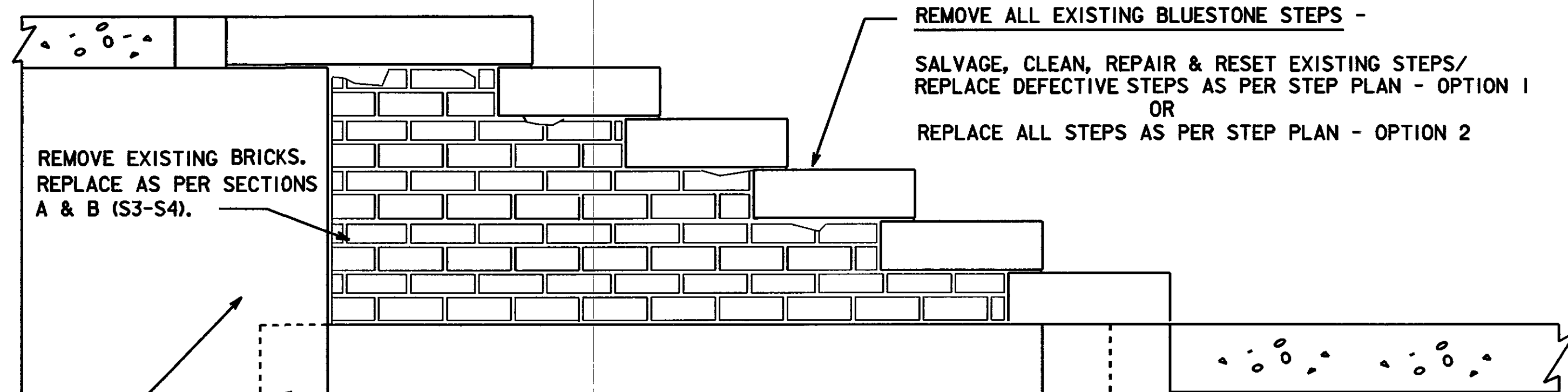


DETAIL B  
SCALE: 1/4" = 1'-0"

CHAPEL  
U.S. MILITARY ACADEMY  
WEST POINT, N.Y.  
GRAM GOODHUE & FERGUSON ARCHITECTS  
NEW YORK & BOSTON

Revision		Description	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS NEW YORK, NEW YORK				
Designed by:		UNITED STATES MILITARY ACADEMY		
J. LAULETTA		CADET CHAPEL		
Drawn by:		REPAIR OF FRONT STEPS		
J. LAULETTA				
Checked by:		WEST POINT		
G. J. C.		NEW YORK		
Reviewed by:		Approval Recommended:		
SECTION CHIEF		SHEET REFERENCE NUMBER:		
Concurred by:		DATE: FEBRUARY 1998		
CHIEF, DESIGN BRANCH		SCALE: NONE		
		S-2		
		SHEET		
FILE NO. 7687-7661				





RESTORE BEAM POCKETS AND WALLS IN PREPARATION FOR NEW SUPPORT BEAMS AND BRICK. REPAIR MASONRY AND RUBBLE STONE WALLS BY REPOINTING THE MORTAR JOINTS WHERE THERE IS EVIDENCE OF DETERIORATION SUCH AS DISINTEGRATING MORTAR, CRACKS IN MORTAR JOINTS, LOOSE BRICKS, DAMP WALLS. DUPLICATE OLD MORTAR JOINTS IN WIDTH AND IN JOINT PROFILE. USE TYPE "N" MORTAR. REMOVE DETERIORATED MORTAR BY CAREFULLY HAND-RAKING THE JOINTS TO AVOID DAMAGING THE MASONRY. STRUCTURAL INTEGRITY OF BEAM POCKETS AND WALLS IS TO BE PROTECTED.

MEASURE RESTORED BEAM POCKETS FOR CLEARANCE AND APPROPRIATE CONCRETE BEAM TYPE SELECTION ("POURED IN PLACE" OR "PRECAST".)

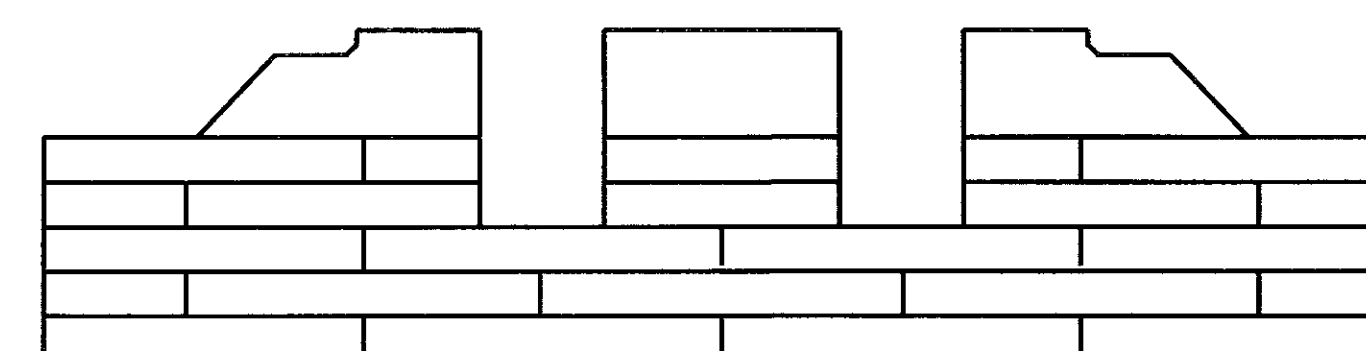
INVESTIGATE DAMP WALLS FOR POSSIBLE CAUSES OTHER THAN DETERIORATED MORTAR AND PROVIDE A REPORT TO THE CONTRACTING OFFICER.

SHORE AS REQUIRED SEE SPECIFICATIONS.

1. IF A VERTICAL SLOT AND SUFFICIENT CLEARANCE ARE FOUND WITHOUT DRILLING AND BREAKING MASONRY/RUBBLE STONE SUPPORT WALL, PRECAST BEAMS ADEQUATE TO CARRY THE DESIGN LOADS ARE TO BE PROVIDED.

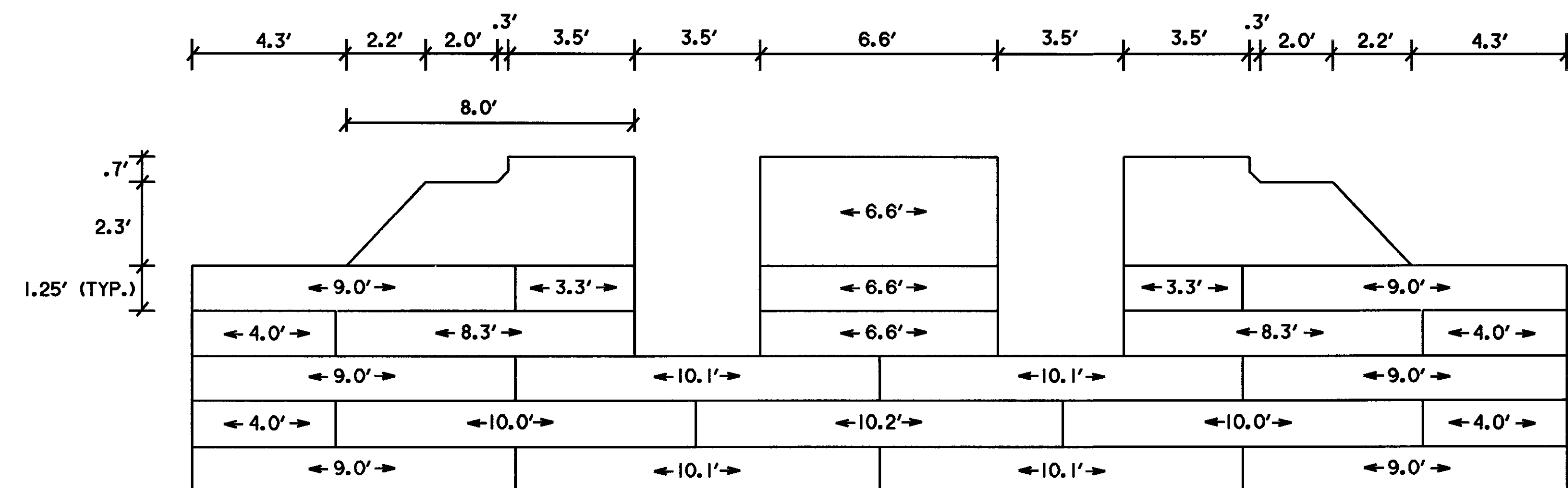
2. IF A VERTICAL SLOT AND SUFFICIENT CLEARANCE ARE NOT FOUND, POURED IN PLACE BEAMS ARE TO BE PROVIDED. VERIFY CLEARANCE FOR 12"x12" BEAM PROVIDED IN CONTRACT DRAWINGS. STRUCTURAL DESIGNER WILL MODIFY AS REQUIRED AND PROVIDE DESIGNS FOR VARYING LENGTH BEAMS.

SECTION THROUGH EXISTING STAIRS  
DETAIL A  
SCALE: 1"=1'-0"



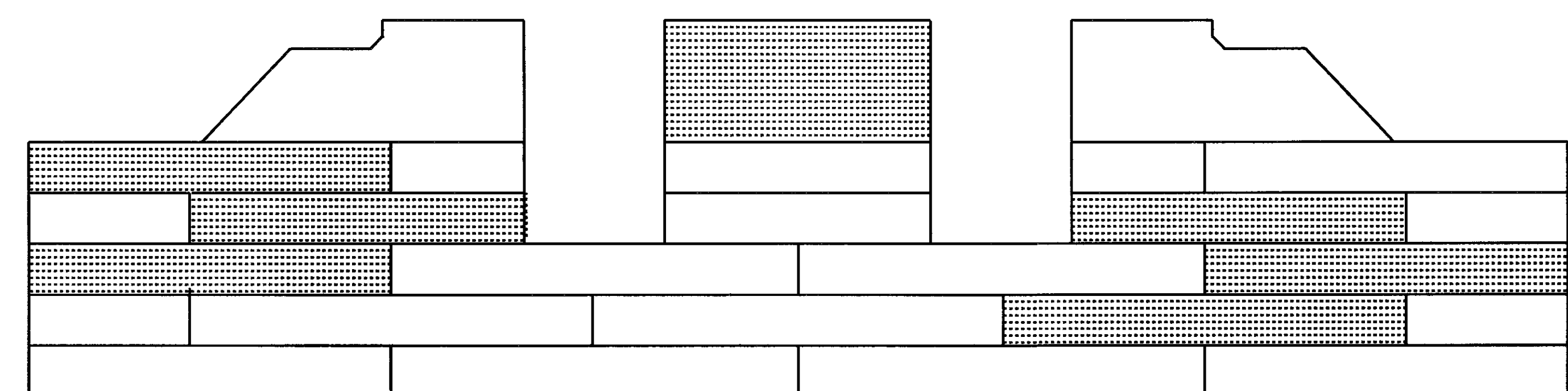
STEP PLAN - OPTION 2  
REMOVE EXISTING STEPS/  
REPLACE ALL STEPS

REPLACE ALL STEPS WITH  
NEW BLUESTONE STEPS SEE  
GENERAL NOTES AND SPECIFICATIONS



EXISTING STAIR PLAN

FIELD VERIFY DIMENSIONS.  
SCALE: 3/8"=1'-0"

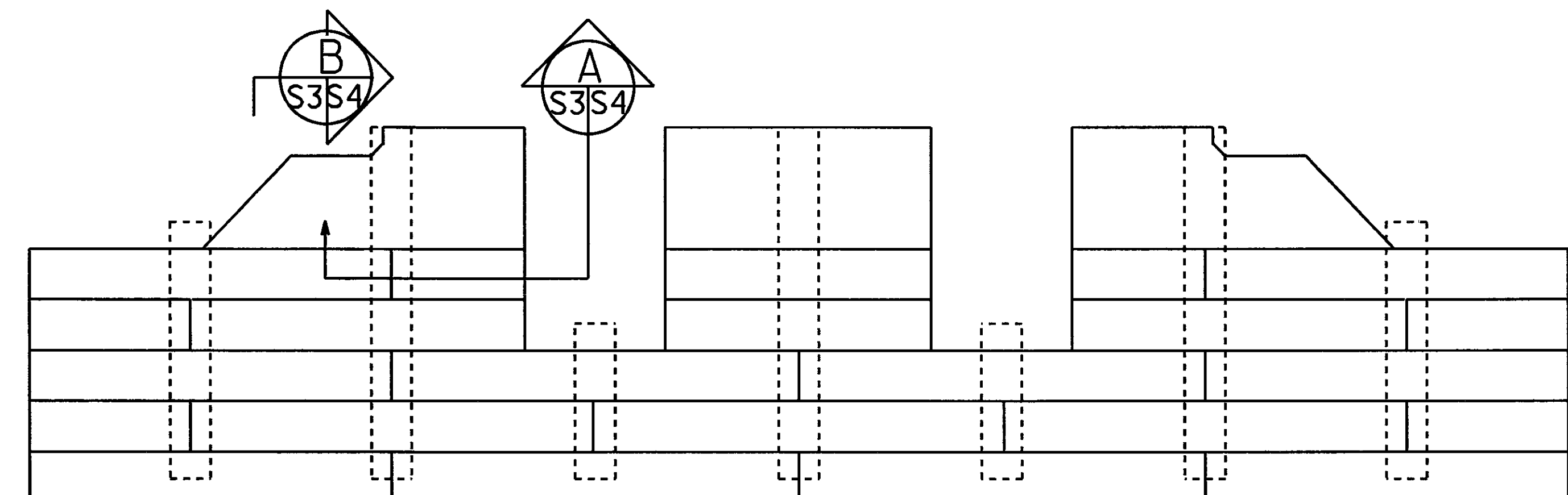


STEP PLAN - OPTION 1  
REMOVE, SALVAGE, CLEAN, REPAIR & RESET EXISTING STEPS/  
REPLACE DEFECTIVE STEPS

STEPS TO BE REPLACED  
WITH NEW BLUESTONE STEPS.  
SEE GENERAL NOTES AND  
SPECIFICATIONS.

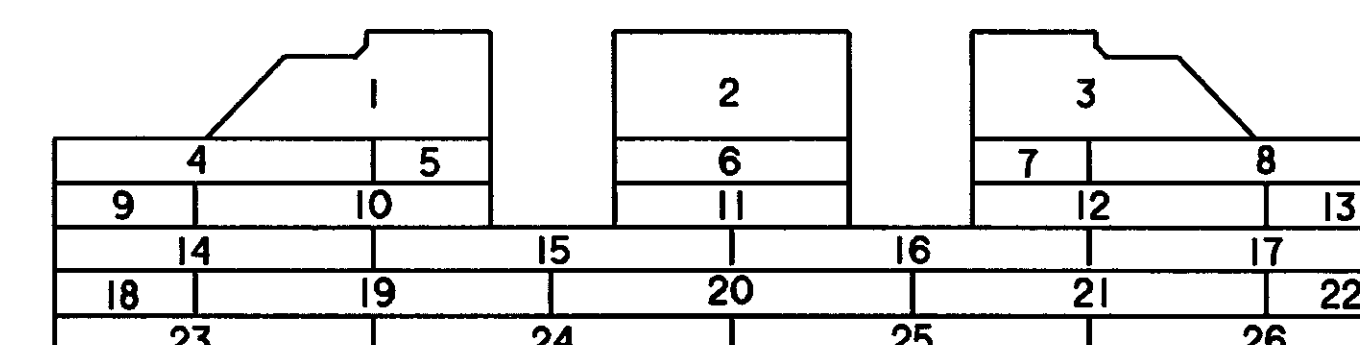
STEPS TO BE SALVAGED AND  
RESTORED. SEE GENERAL NOTES  
AND SPECIFICATIONS

SCALE: 3/8"=1'-0"



LOCATION OF NEW SUPPORT BEAMS  
UNDER STAIRS

FIELD VERIFY LENGTH OF BEAMS



STAIR MEMBER KEY PLAN

Revision	Description	Date	Approved

U.S. ARMY ENGINEER DISTRICT  
CORPS OF ENGINEERS  
NEW YORK, NEW YORK

DESIGNED BY: J. LAULETTA  
DRAWN BY: J. LAULETTA  
CHECKED BY: G. J. C.  
REVIEWED BY: J. LAULETTA  
CONCURRED BY: J. LAULETTA

UNITED STATES MILITARY ACADEMY  
CADET CHAPEL  
REPAIR OF FRONT STEPS  
STAIR PLANS AND SECTION

WEST POINT  
NEW YORK

Approval Recommended: J. LAULETTA  
CHIEF, ENGINEERING DIVISION

Approved by: J. LAULETTA  
COLONEL, C.E. DISTRICT ENGINEER

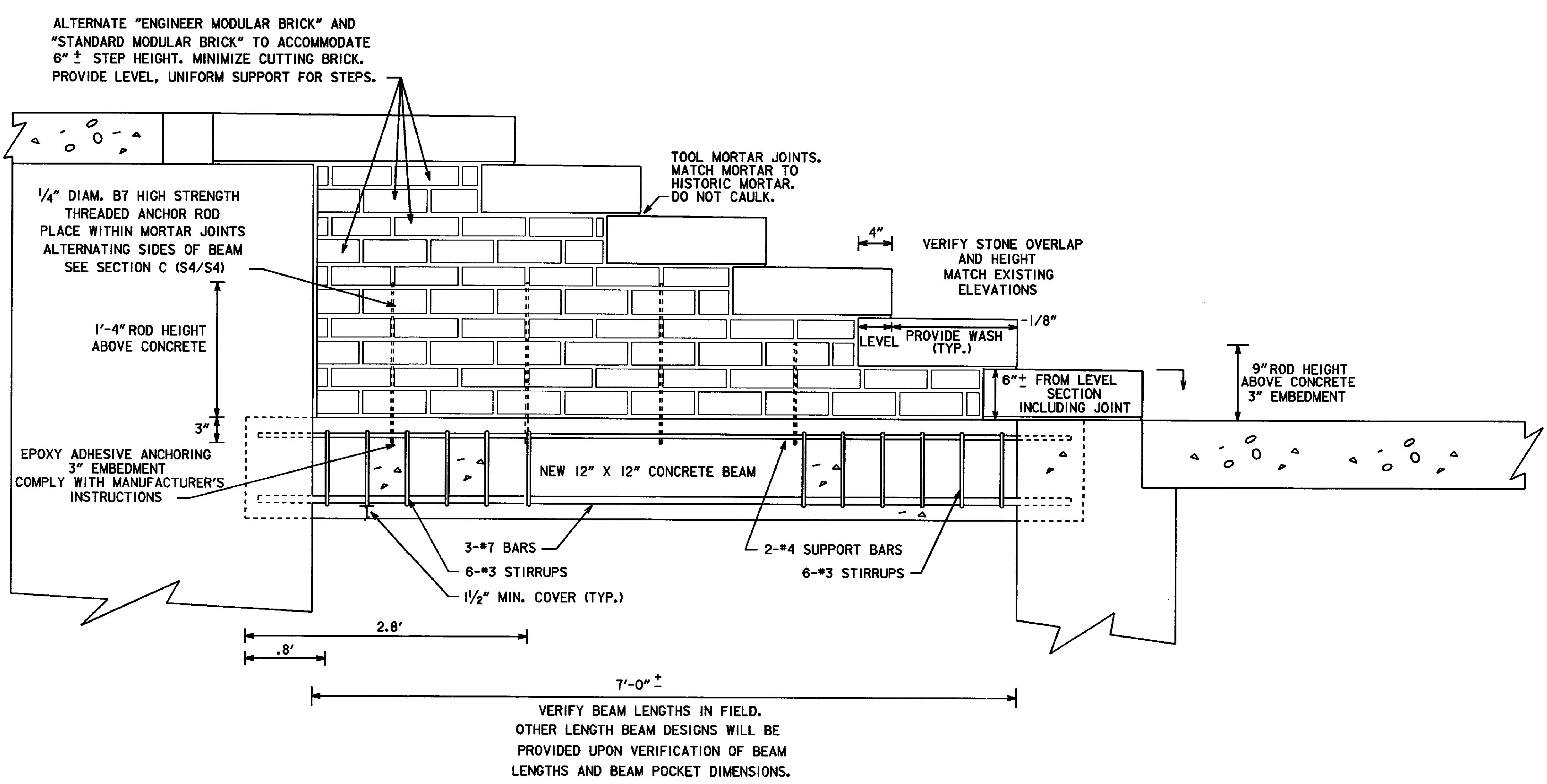
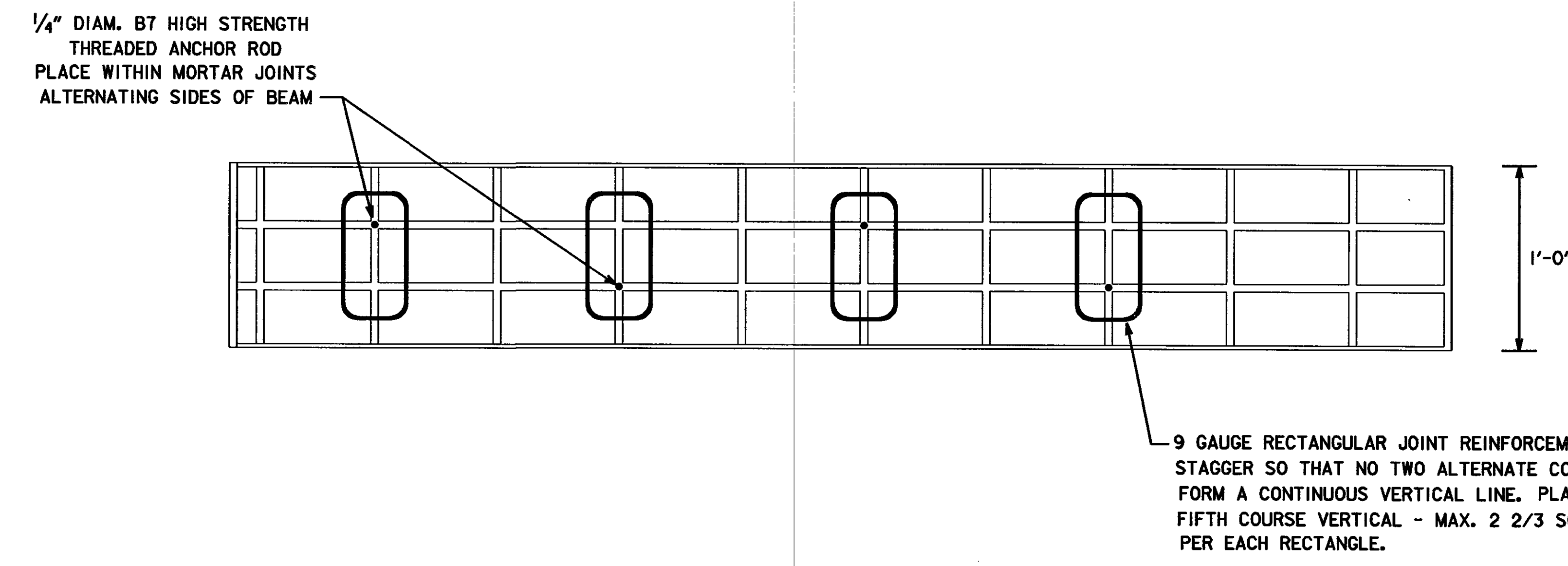
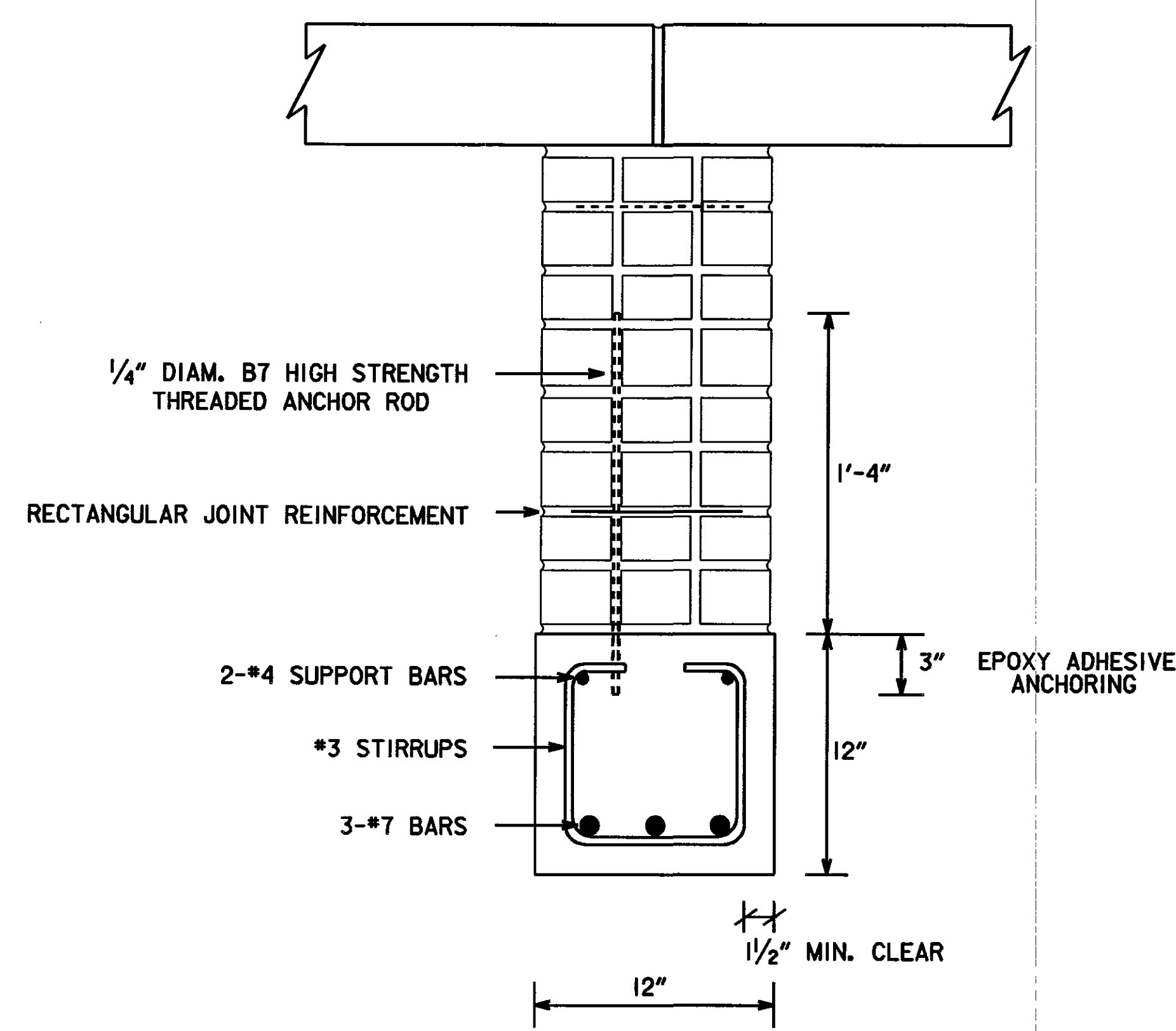
SHEET  
REFERENCE  
NUMBER:  
S-3

DATE:  
FEBRUARY 1998

SCALE:  
NONE

FILE NO. 7687-7662



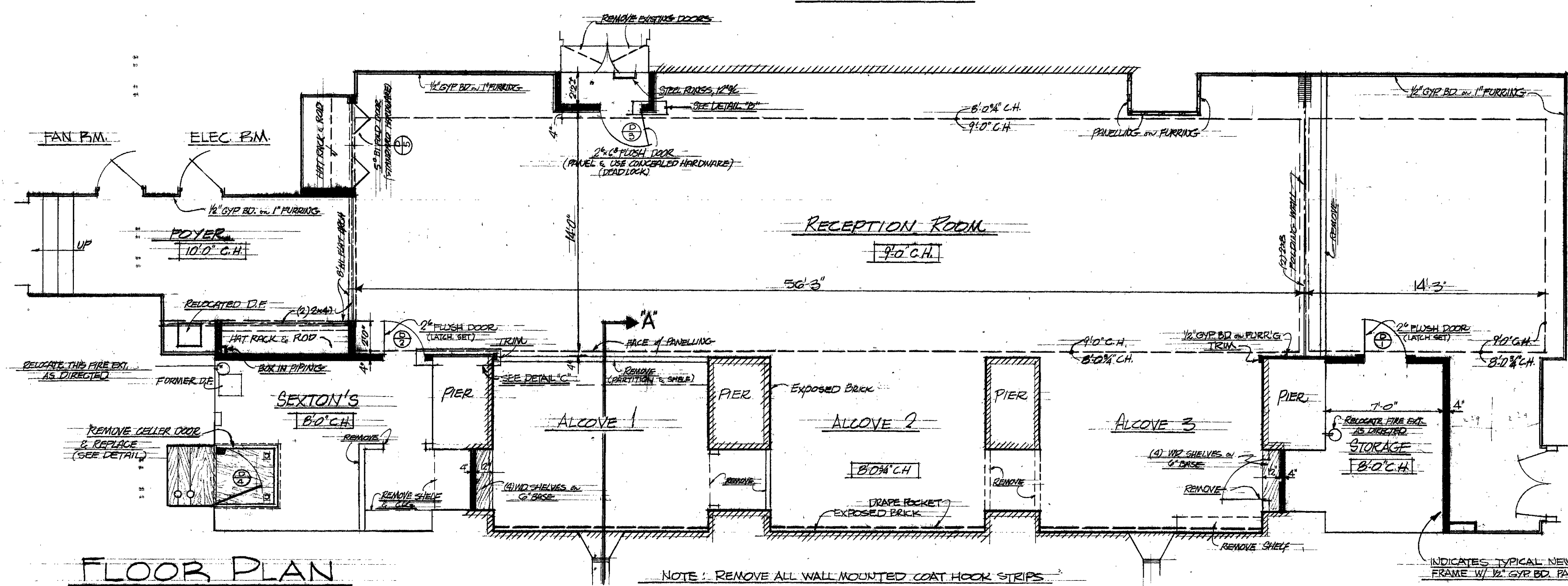


Revision		Description	Date	Approved
U.S. ARMY ENGINEER DISTRICT CORPS OF ENGINEERS NEW YORK, NEW YORK				
Designed by:		UNITED STATES MILITARY ACADEMY		
J.LAULETTA		CADET CHAPEL		
Drawn by:		REPAIR OF FRONT STEPS		
J.LAULETTA		MISCELLANEOUS SECTIONS		
Checked by:		WEST POINT NEW YORK		
Reviewed by:		Approval Recommended:		
J.LAULETTA		SHEET REFERENCE NUMBER: S-4		
Concurred by:		DATE: FEBRUARY 1998		
CHIEF, DESIGN BRANCH		SCALE: NONE		
COLONEL, C.E. DISTRICT ENGINEER		SHEET		



GALEED NORTH

CRAWL SPACE

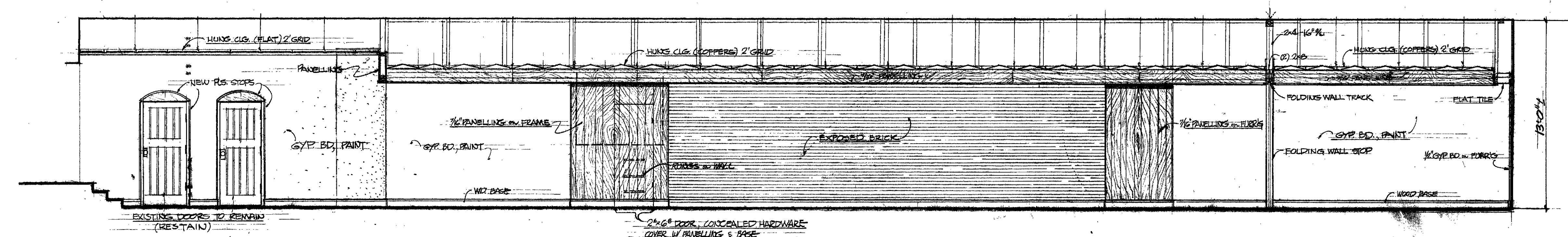


FLOOR PLAN

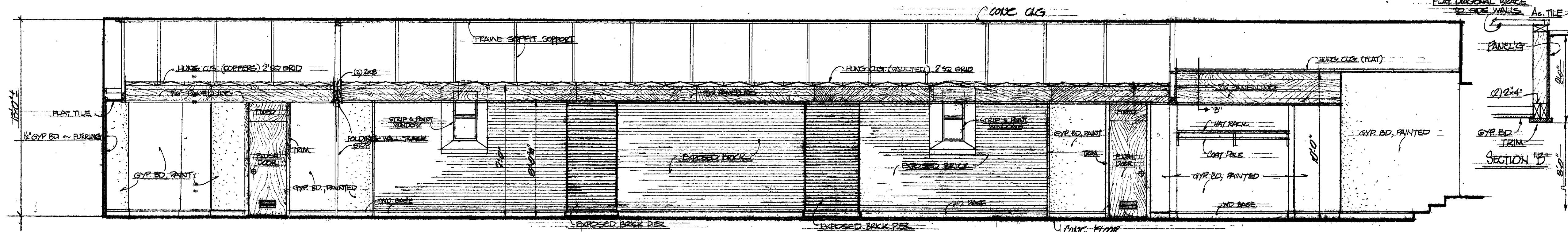
PART. BASEMENT 1/4" = 1'-0"

NOTE: REMOVE ALL WALL MOUNTED COAT HOOK STRIPS

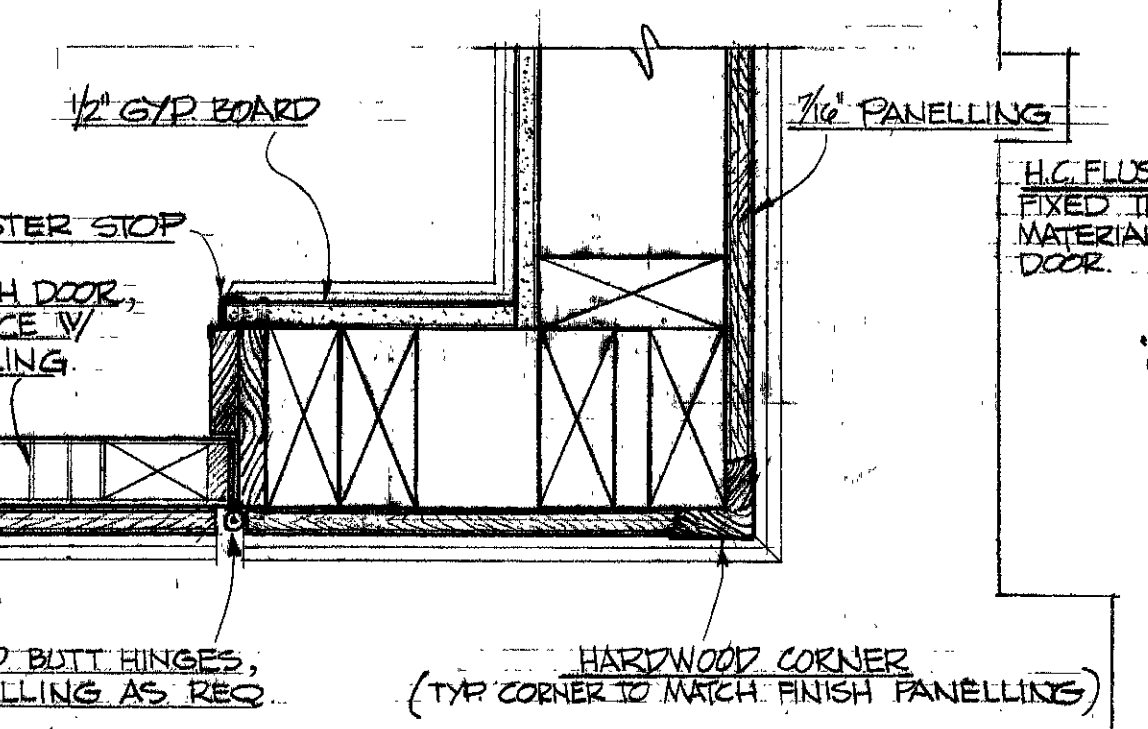
INDICATES TYPICAL NEW 4" STUD 16% FRAME W/ 1/2" GYP. BD. PARTITIONS



WEST WALL ELEVATION

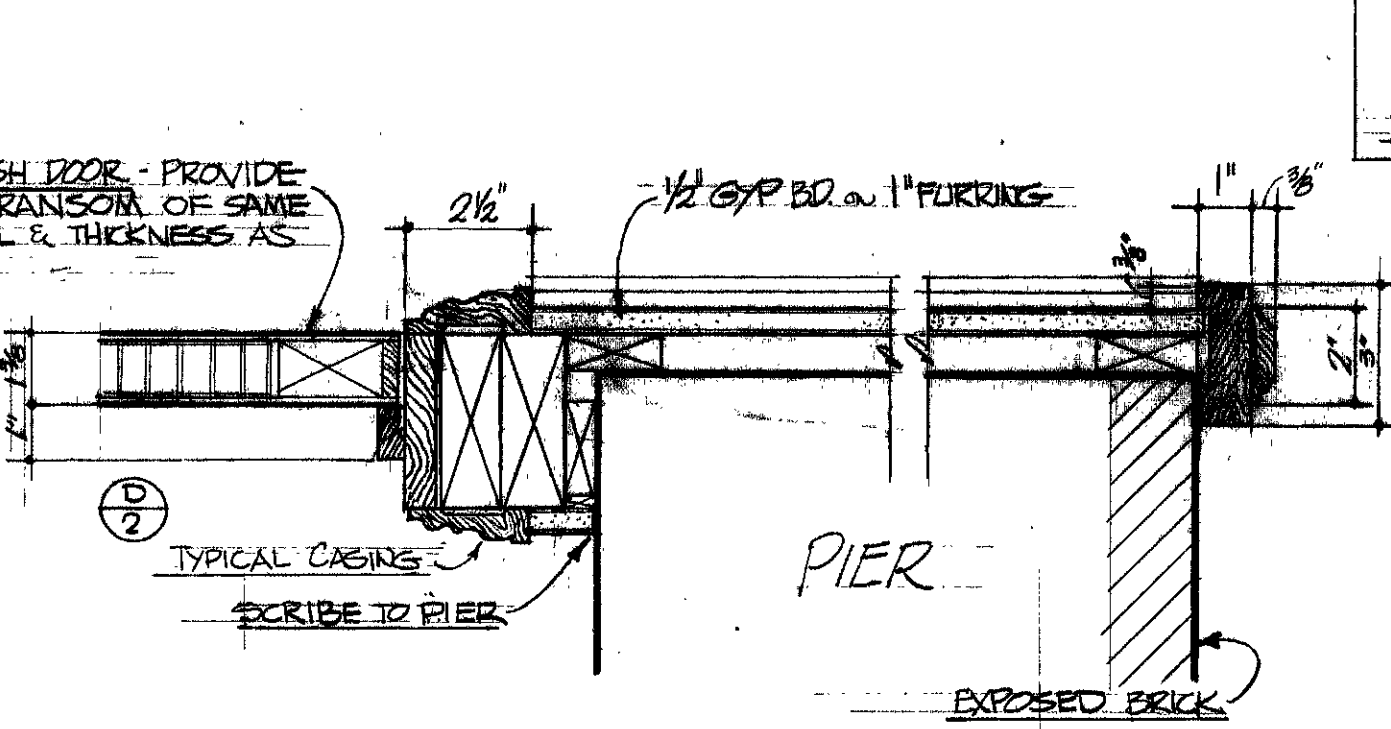


EAST WALL ELEVATION



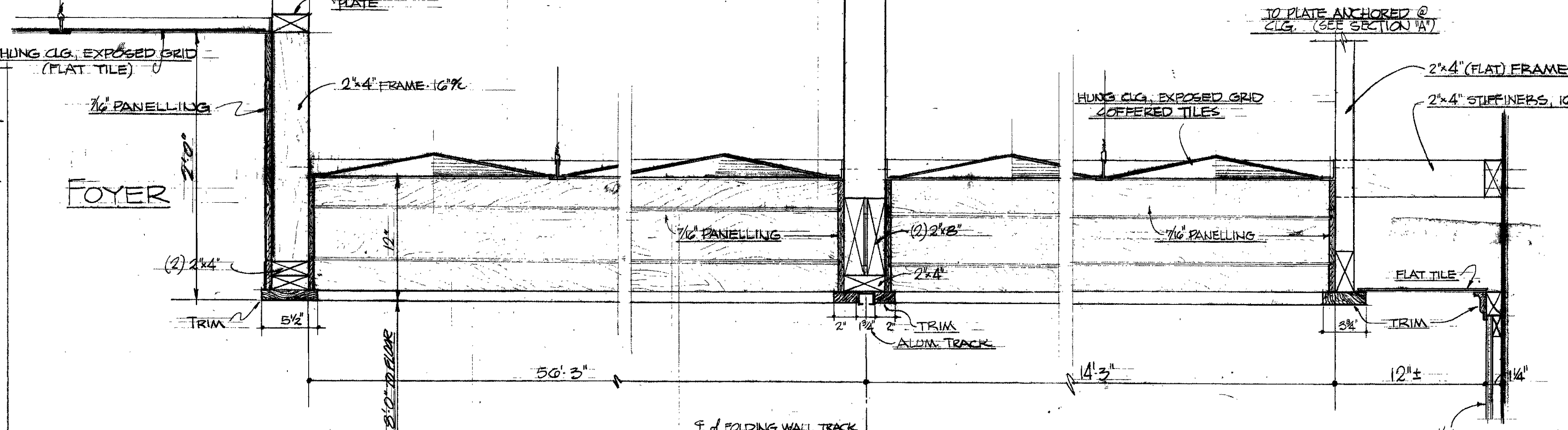
DETAIL "B"

3'-11'-0"

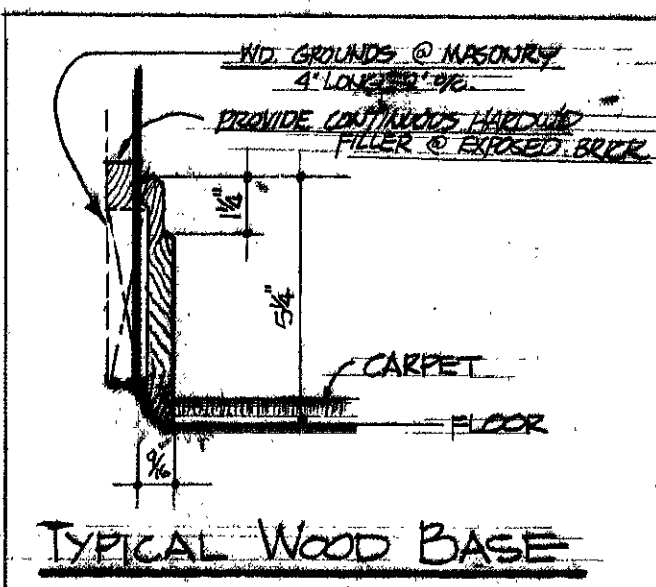


DETAIL "C"

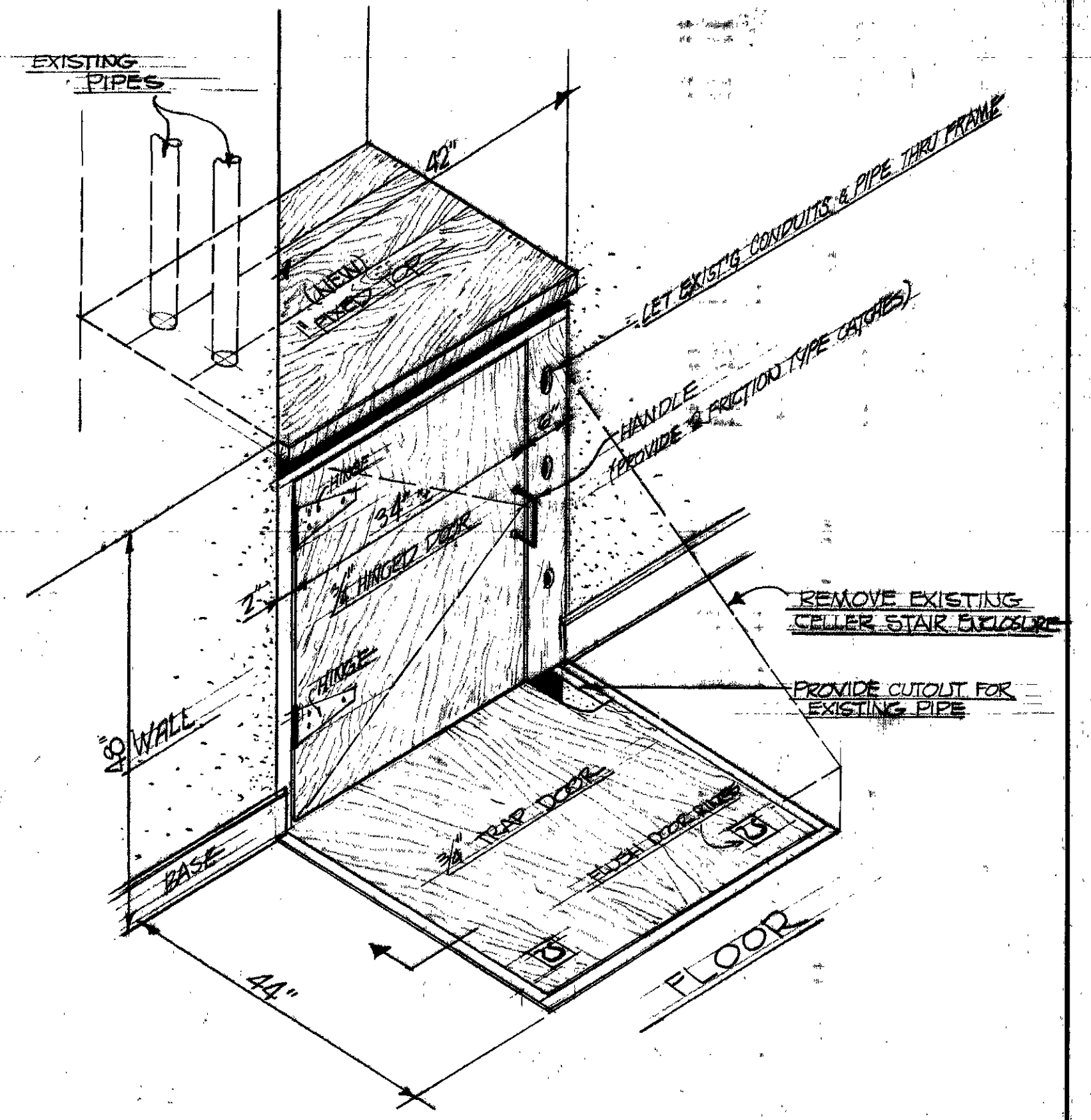
3'-1'-0"



LONGITUDINAL SECTION

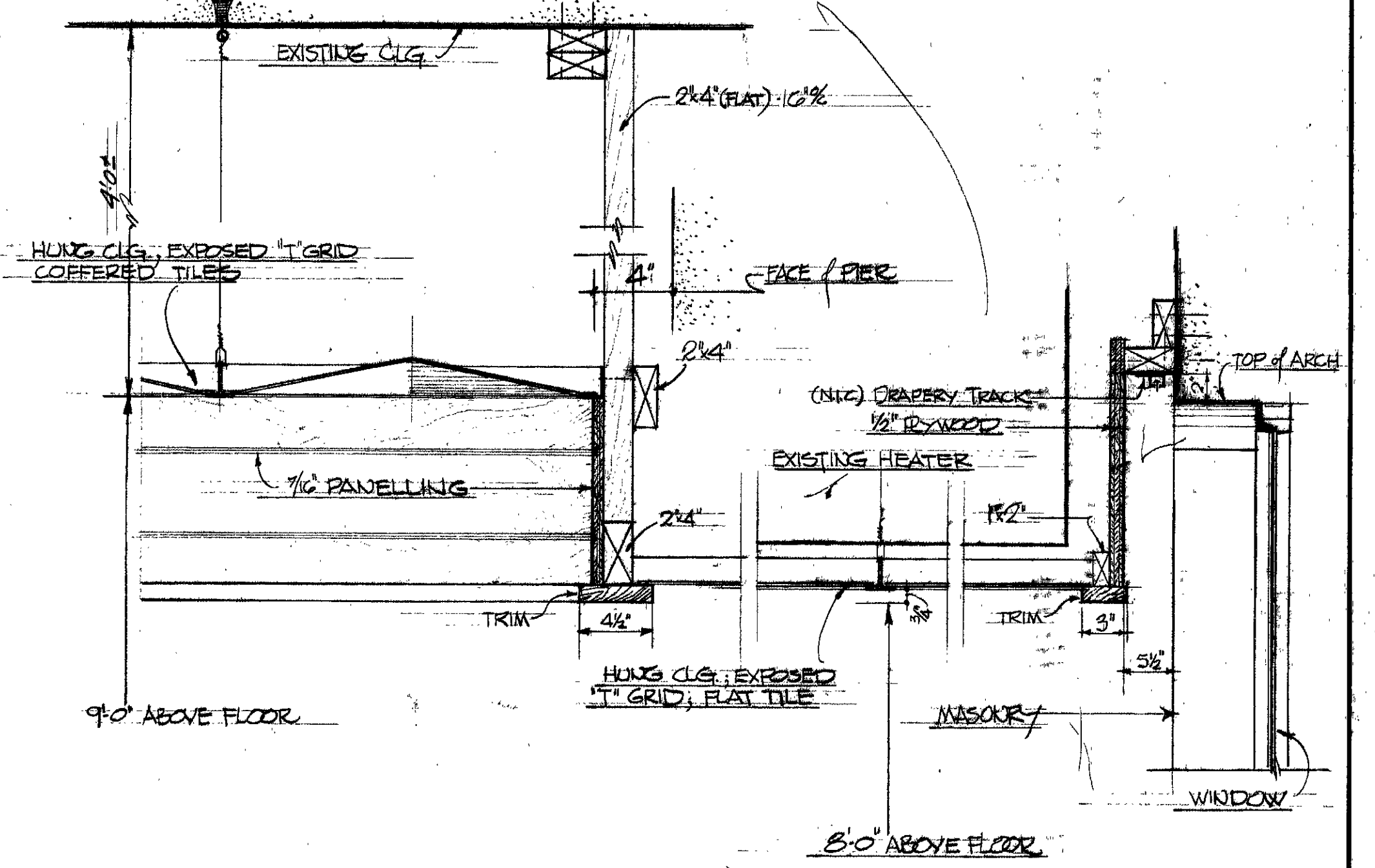


TYPICAL WOOD BASE



STEAM TUNNEL ACCESS DOOR

SEXTON'S ROOM



SECTION "A"

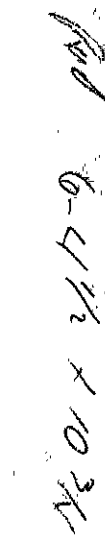
CEILING SOFFIT & DRAPERY ROCKET 1/2" = 1'-0"

OFFICE OF THE ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
CHAPEL ALTERATIONS (NEW BASEMENT RECEPTION ROOM)					
PLANS, ELEVATIONS & DETAILS					
SUBMITTED BY:	APPROVED BY:		DATE	PLAN NO.	
AS NOTED	7756		9/10/70	7756	



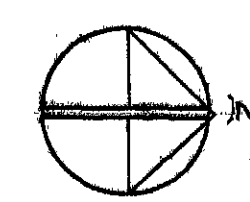
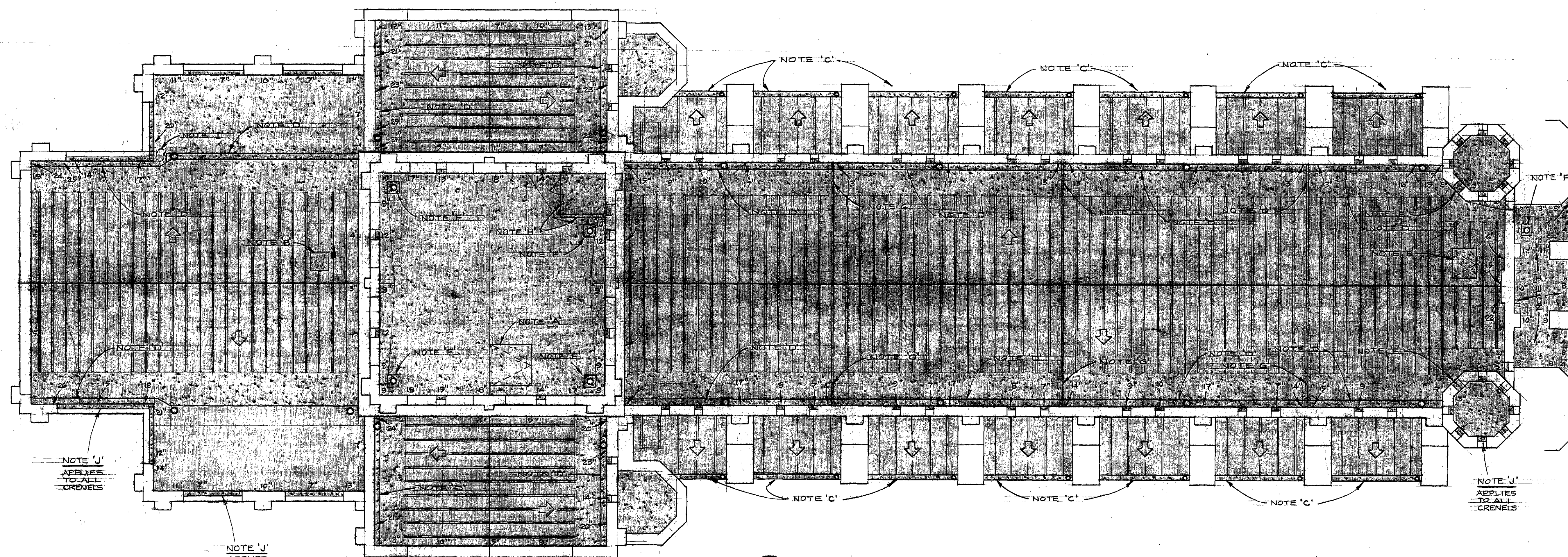






SCALE AS NOTED	DRAWN D4	DATE 27 MAR 71	PLAN NO. 7757-A
-------------------	-------------	-------------------	--------------------

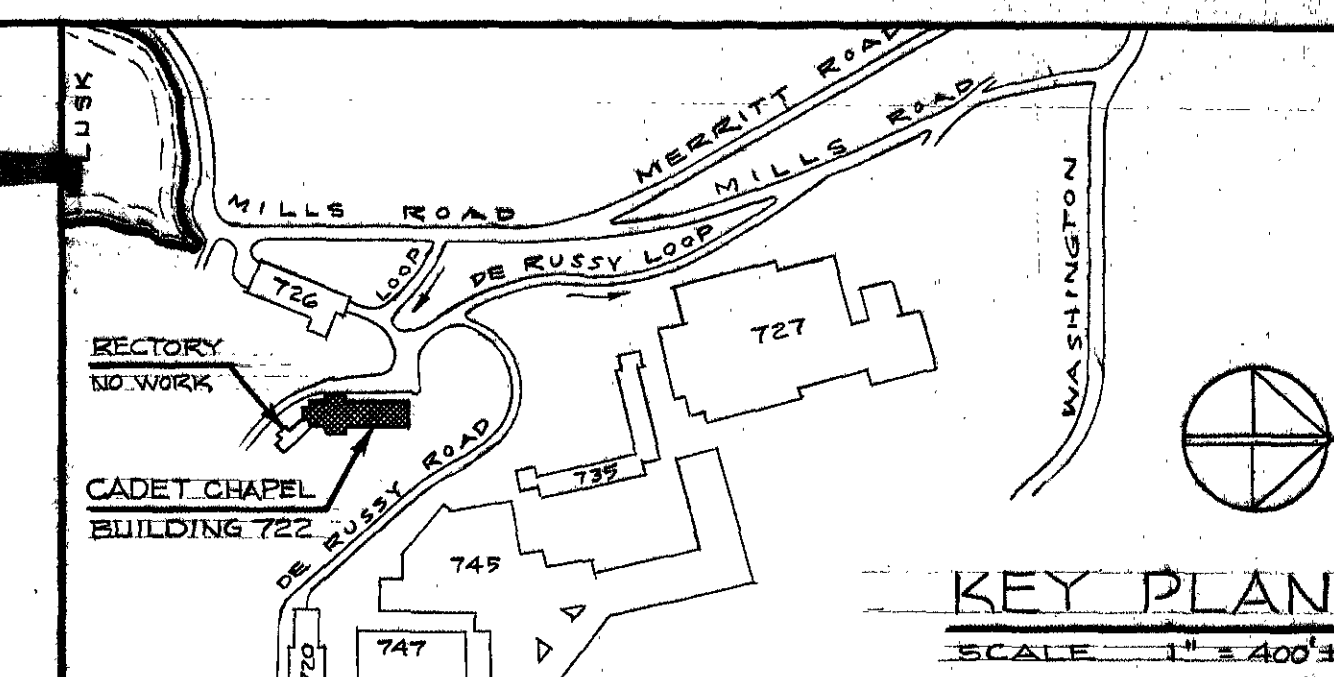




# ROOF PLAN

SCALE 1/8" = 1'-0"

NOTE: DIMENSIONS SHOWN ON ROOF PLAN ABOVE INDICATE EXPOSED HEIGHTS OF EXISTING BASE FLASHINGS.



## GENERAL NOTES

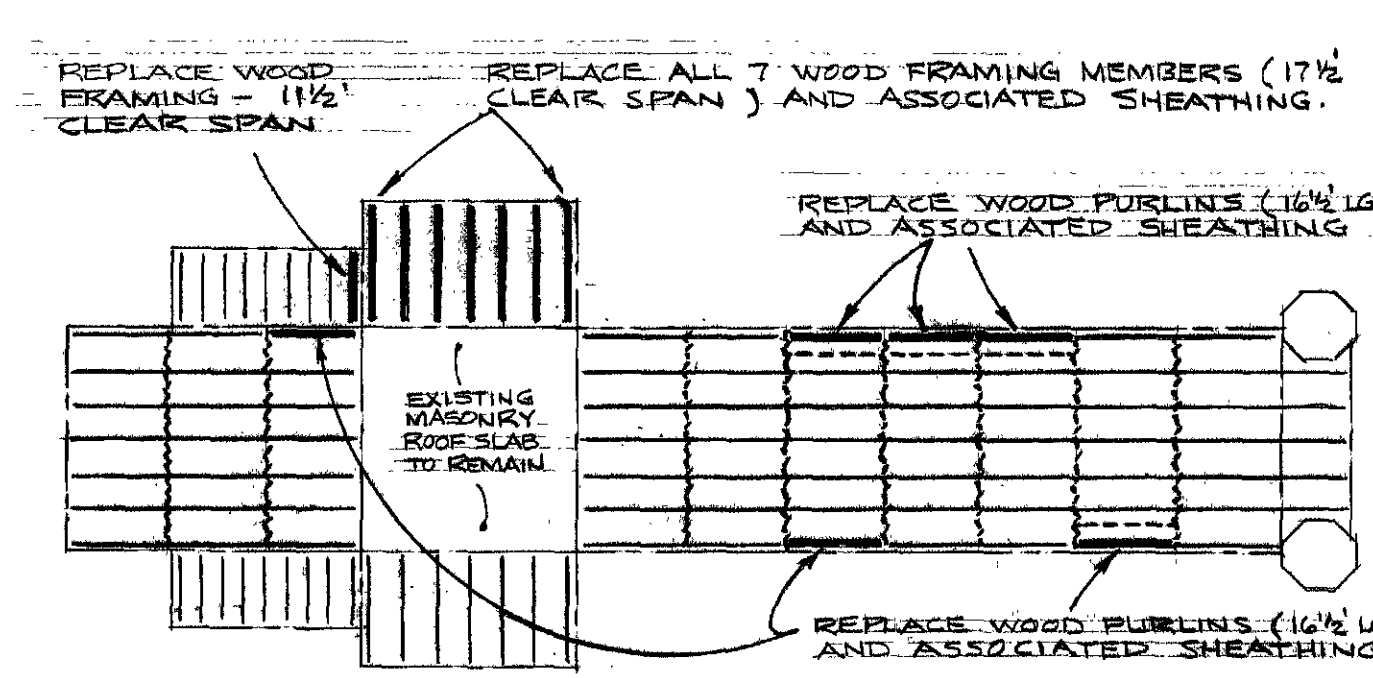
- THE CONTRACT WORK CONSISTS OF THE FOLLOWING MAJOR ASPECTS:
  - REPLACEMENT OF CERTAIN INDICATED DETERIORATED 6"x12" ROOF FRAMING MEMBERS.
  - REPLACEMENT OF A SPECIFIED AMOUNT OF DETERIORATED ROOF SHEATHING (T&G PLANK).
  - REPLACEMENT OF BATTEN SEAM COPPER ROOFING WITH NEW BATTEN SEAM COPPER ROOFING (INCLUDING ASSOCIATED FLASHING).
  - COVERING OF ALL OTHER COPPER (AND TIN) FLAT SEAM ROOFING WITH ELASTOMERIC SHEET ROOFING (INCLUDING ASSOCIATED FLASHING, GUTTERS, HATCHES, ETC.).
- ALL ELASTOMERIC ROOFING IS TO BE SPAN NEOPRENE SHEET AND HYPOALON COLOR TOPPING. LIQUID TYPE ELASTOMERIC ROOFING IS NOT TO BE USED UNDER THIS CONTRACT.
- ALL CAP FLASHING IS TO BE REPLACED WITH NEW COPPER CAP FLASHING EXCEPT IN LOCATIONS WHERE EXISTING CAP FLASHING IS EMBEDDED IN JOINT IMMEDIATELY UNDER LIMESTONE CORPINGS; IN WHICH CASE EXISTING CAP FLASHING SHALL BE COVERED WITH ELASTOMERIC ROOFING (CONTOUR FLASHING SHEET).
- COVERING OF BASE FLASHING WITH ELASTOMERIC SHEET MATERIAL IS ALSO TO INCLUDE CRENEL FLASHING.

## ROOF PLAN LEGEND

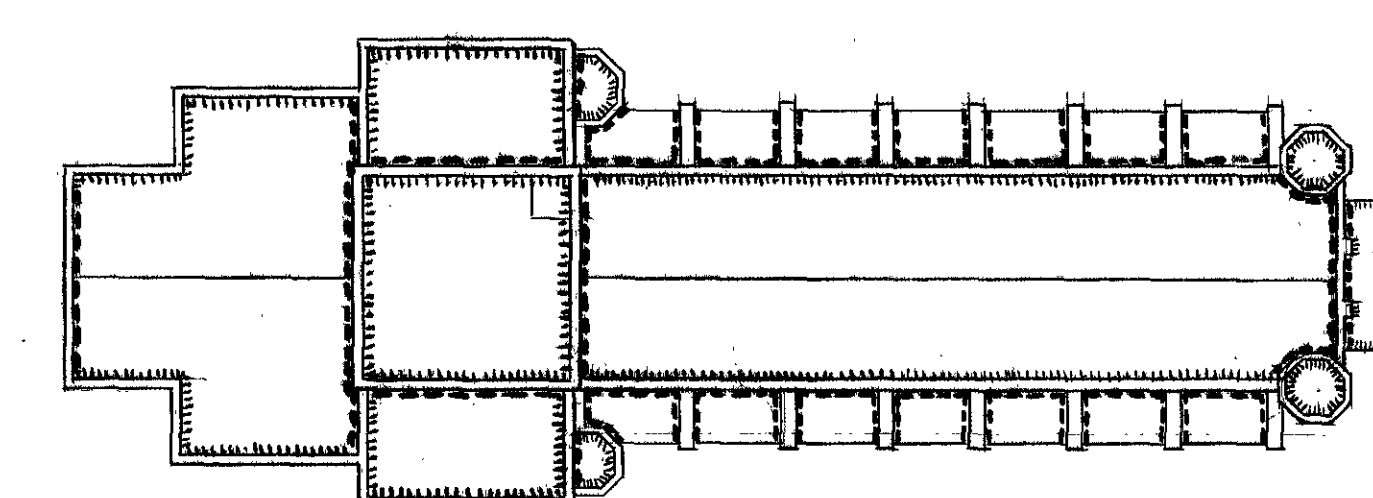
- EXISTING BATTEN SEAM COPPER ROOFING TO BE REPLACED WITH NEW BATTEN SEAM COPPER ROOFING.
- EXISTING FLAT SEAM COPPER ROOFING (AND FLASHING) TO BE COVERED WITH ELASTOMERIC SHEET ROOFING.
- EXISTING FLAT SEAM TIN AND/OR COPPER ROOFING TO BE COVERED WITH 3/8" PLYWOOD AND ELASTOMERIC SHEET ROOFING.
- DIRECTION OF ROOF SLOPE. ROOFS NOT SO MARKED ARE ESSENTIALLY FLAT.
- EXISTING LIMESTONE CORPINGS, PARAPETS, BUTTRESS CAPS, ETC.
- LOCATIONS OF EXISTING ROOF DRAINS AND/OR LEADER HEADS. (FIT NEW ELASTOMERIC ROOFING INTO THROAT OF DRAIN OUTLET).

## ROOF PLAN WORK NOTES

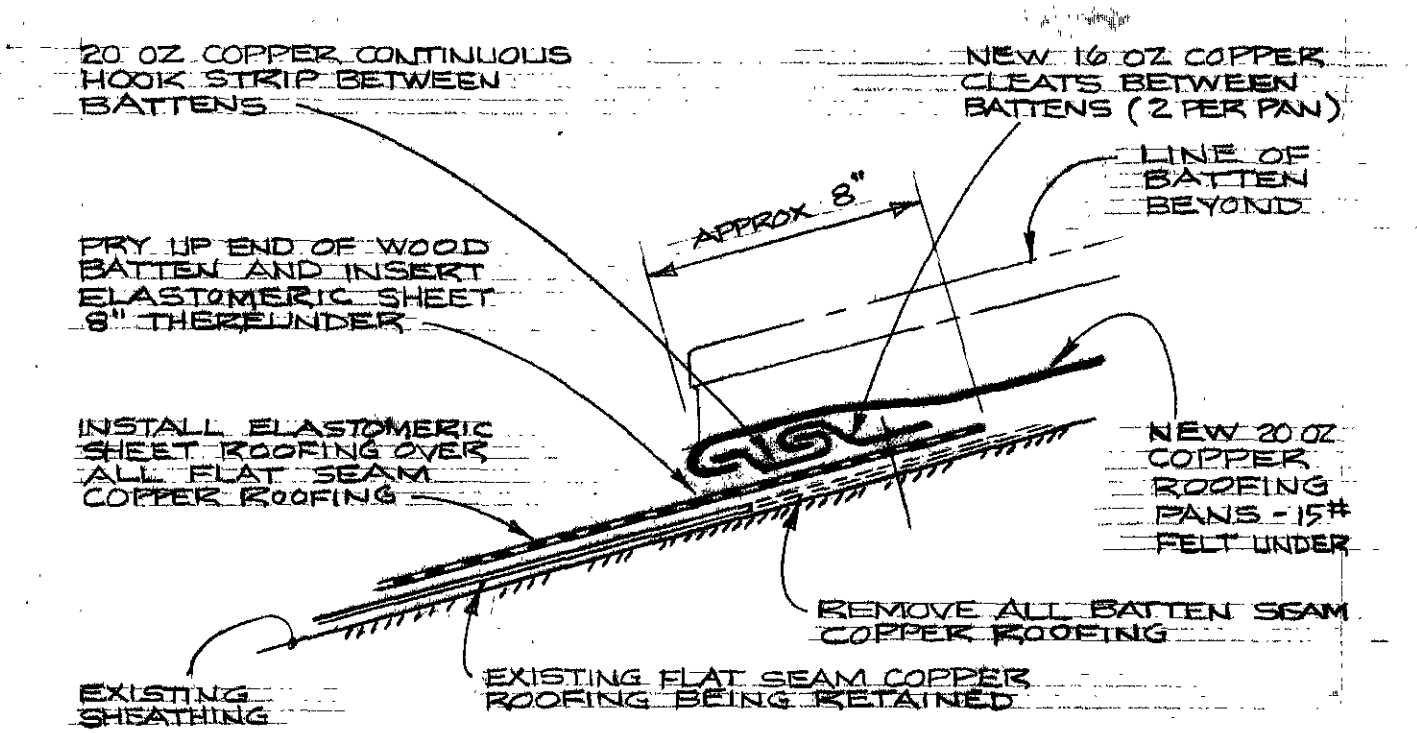
- NOTE 'A' - LIFT OFF COVER AND INSTALL ELASTOMERIC ROOFING UP CURBS AS HIGH AS POSSIBLE. INSTALL ELASTOMERIC ROOFING ON EXTERIOR OF COVER AND WRAP UNDER EDGES. REINSTALL COVER ON CURBS.
- NOTE 'B' - LIFT OFF COVER AND INSTALL ELASTOMERIC ROOFING ON ENTIRE EXTERIOR OF COVER (WRAP UNDER EDGES). REMOVE SHEET COPPER FROM CURBS AND EXTEND NEW COPPER ROOFING UP CURBS AS HIGH AS POSSIBLE.
- NOTE 'C' - LINE COPPER BOX GUTTERS WITH ELASTOMERIC ROOFING. DO NOT EXTEND ELASTOMERIC ROOFING DOWN EXTERIOR FACE OF GUTTER.
- NOTE 'D' - LINE ENTIRE BUILT-IN GUTTER WITH ELASTOMERIC ROOFING. APPLY DIRECT TO WOOD WHERE NEW SHEATHING IS BEING INSTALLED. APPLY TO EXISTING COPPER WHEREVER.
- NOTE 'E' - LEAD LINED SCUPPER LOCATED BELOW CRENEL IS TO BE COMPLETELY LINED WITH ELASTOMERIC ROOFING (APPLY TO EXISTING SHEET LEAD).
- NOTE 'F' - 19" x 19" x 6" DEEP COPPER LINED PIT AROUND ROOF DRAIN IS TO BE COMPLETELY LINED WITH ELASTOMERIC ROOFING.
- NOTE 'G' - REPLACE COPPER CAP ON EXPANSION BATTEN WHEN INSTALLING NEW BATTEN SEAM COPPER ROOF. EXTEND ELASTOMERIC ROOFING UP EACH SIDE OF EXPANSION BATTEN AND TERMINATE UNDER NEW CAP.
- NOTE 'H' - INSCRIBED COPPER CLAD SIDE WALLS OF PENTHOUSE STRUCTURE ARE TO BE PRESERVED. ELASTOMERIC ROOFING IS TO TURN UP SIDE WALLS 6" AND TERMINATE IN A CONTINUOUS BEAD OF SEALANT. LIKEWISE, ELASTOMERIC ROOFING OVER TOP OF PENTHOUSE IS TO TURN DOWN 2" AND ALSO TERMINATING WITH A SEALANT BEAD.
- NOTE 'I' - TO RECTIFY PONDING AT EXISTING LOW SPOTS, FILL DEPRESSIONS FLUSH PRIOR TO APPLYING ELASTOMERIC SHEET ROOFING. REFER TO CONTRACT SPECIFICATIONS FOR TYPE OF FILLING MATERIAL TO BE USED.
- NOTE 'J' - TYPICAL NOTE - AT ALL CRENELS, ALL CRENEL FLASHING SHALL BE COATED WITH ELASTOMERIC SHEET MATERIAL.



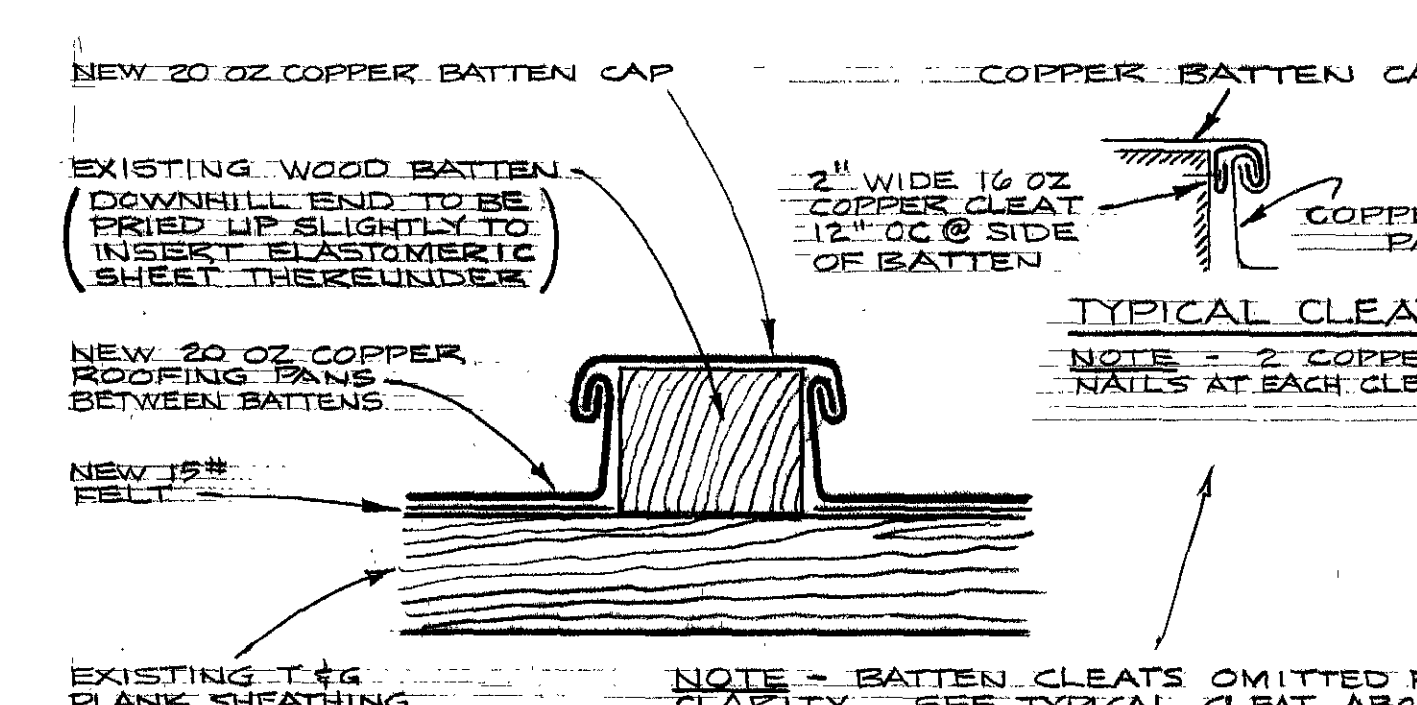
- NOTE: REPLACE INDICATED WOOD FRAMING (6"x12"). REPLACE ASSOCIATED PLANK SHEATHING AS NEEDED.
- 6"x12" WOOD FRAMING TO BE REPLACED.
  - EXISTING WOOD FRAMING TO BE RETAINED.
  - EXISTING STEEL TRUSSES (NO WORK).
  - OUTLINE OF BUILDING ROOF AREAS.
  - TEMPORARY WOOD FRAMING TO BE REMOVED.



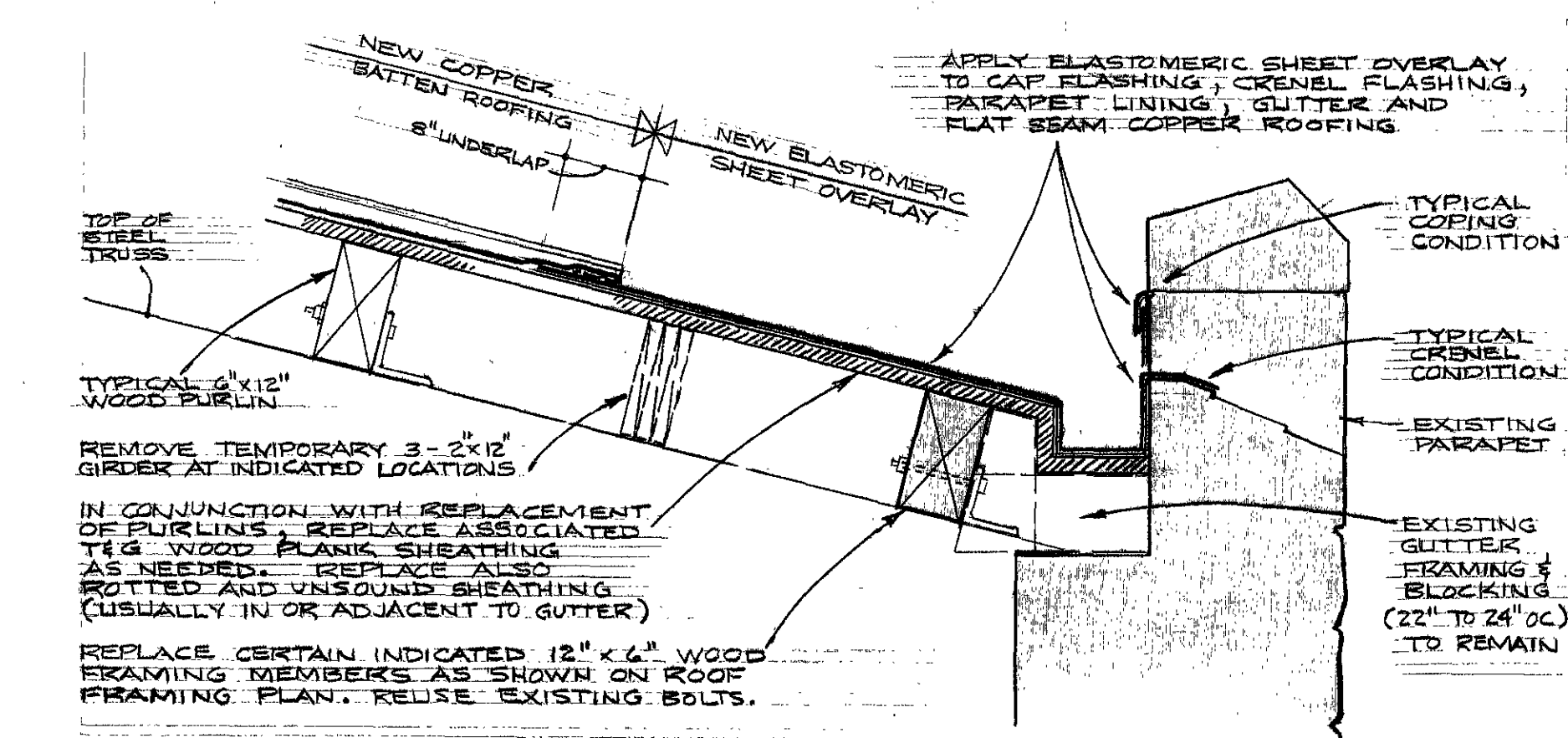
- SCHEMATIC ROOF PLAN - FLASHING
- 2" CAP FLASHING TO BE REPLACED WITH NEW COPPER CAP FLASHING.
  - EXISTING CAP FLASHING TO RECEIVE ELASTOMERIC SHEET TREATMENT.



## DIAGRAM OF TRANSITION BETWEEN ELASTOMERIC - COPPER ROOFING



## DIAGRAM OF BATTEN SEAM ROOFING



## TYPICAL SECTION - BUILT-IN GUTTER/PURLIN

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS

REVIEWED BY:

Chief, Bldg. Maintenance

Chief, Roof & Grounds

Chief, Utilities Branch

Chief, Fire Prev. & Protect. Branch

OFFICE OF THE ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

ROOFING WORK  
CADET CHAPEL BLD'G 722

SUBMITTED BY: *R. Hademann*

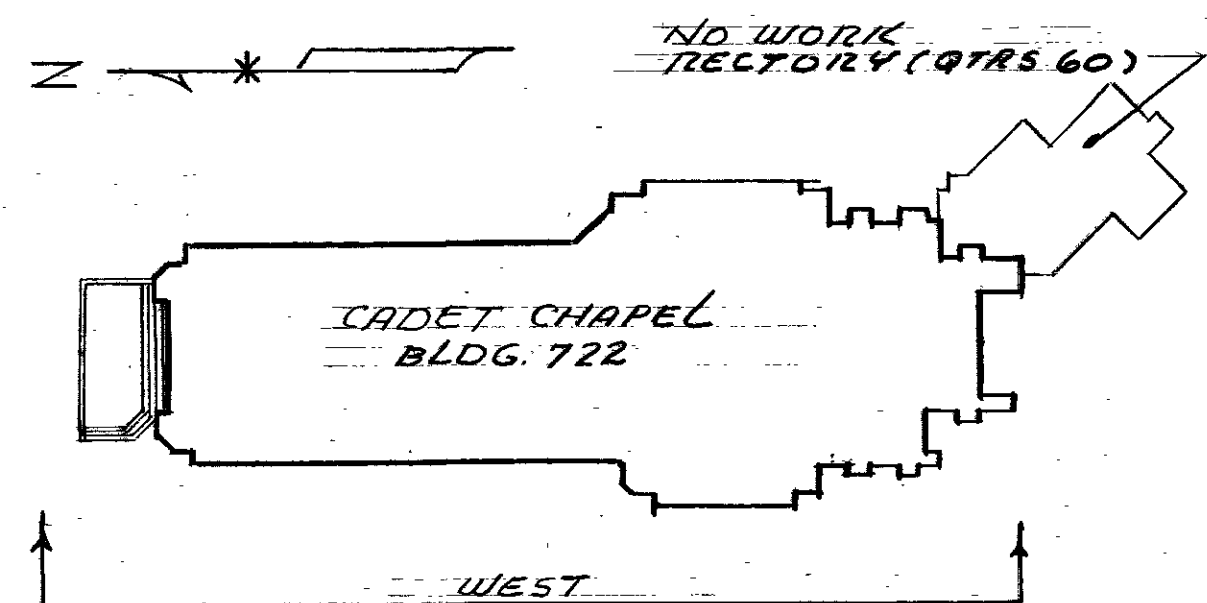
APPROVED BY: *A. B. Smith*

SCALE: DRAWN: TRACED: CHECKED: DATE: PLAN NO.

NOTED: KAKERBCK 13 JUNE 1973 7987

SPEC ITEM - NEW BATTEN STRAINERS  
ELASTO APPLIED TO COPPER, PLYWOOD, WD SHEATHING

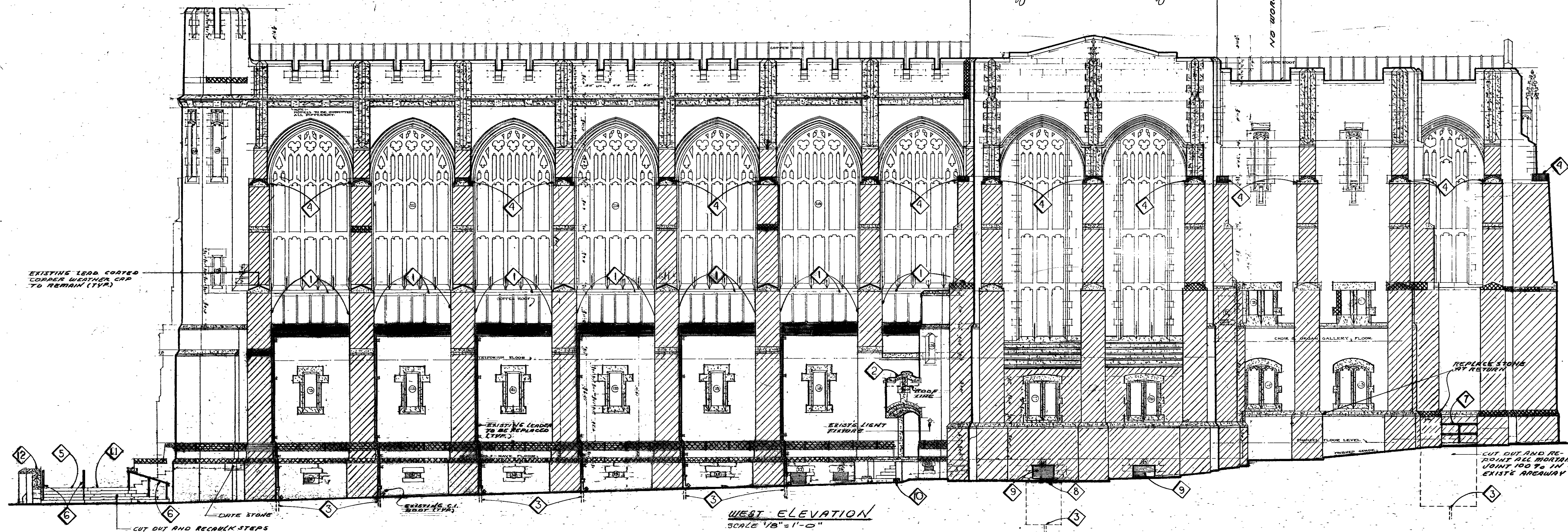




KEY PLAN

# LEGEND

- EXISTING LIMESTONE TRIM TO BE CUT OUT AND REPLACED, SEAL JOINTS, PROVIDE WEEP HOLES IN BED JOINTS AND WATERPROOF.
- EXISTING LIMESTONE TRIM TO BE CLEANED, RECAULKED AND NEW WEEP HOLES INSTALLED IN BED JOINTS
- EXISTING GRANITE SURFACES TO BE CUT OUT AND REPOINTED
- EXISTING COPPER GUTTERS, LEADERS AND PORTION OF EXISTING COPPER ROOF TO BE REPLACED
- NEW LEAD COATED COPPER WEATHER CAP OVER EXISTING LIMESTONE BUTTRESS CAP STONES



## GENERAL NOTES

1. BIDDERS AND CONTRACTORS ARE REQUIRED TO VERIFY ALL CONDITIONS, SIZES AND QUANTITIES. THESE DRAWINGS ARE FURNISHED MERELY AS AN INDICATION OF THE SCOPE OF THE INTENDED CONTRACT WORK.
2. CUTTING OUT AND REPOINTING OF ALL MORTAR JOINTS AT EXISTING GRANITE BUTTRESSES ON THE WEST AND SOUTH ELEVATIONS.
3. CUTTING OUT AND REPOINTING OF MORTAR JOINTS AT ADDITIONAL SELECTED LOCATIONS ON WEST ELEVATION.
4. REPLACE INDICATED LIMESTONE TRIM AT LOCATIONS INDICATED.
5. REPAIR ALL INDICATED DAMAGED LIMESTONE TRIM.
6. CUTTING OUT AND CAULKING AROUND LIMESTONE TRIM IN INDICATED AREAS AND PROVIDE PLASTIC WEEPS.

## SPECIAL NOTES

1. CUT OUT AND CAULK AROUND METAL FLASHING.
2. REPLACE EXISTING COPPER ROOF AND FLASHING WITH NEW LEAD COATED COPPER ROOF AND FLASHING.
3. SNARE OUT EXISTING STORM DRAIN LINE.
4. INSTALL NEW LEAD COATED COPPER WEATHER CAP OVER EXISTING LIMESTONE BUTTRESS CAP STONE.
5. PATCH EXISTING CONCRETE LANDING AND APPLY NON-SLIP EPOXY COATING.
6. INSTALL NEW BRONZE HANDRAIL.
7. REMOVE WOOD RAILING AND INSTALL NEW STEEL PIPE RAILING.
8. INSTALL NEW WIRE MESH GUARD AT AREAWAY GRATING.
9. REPAIR METAL LOUVER AND REPLACE WIRE MESH GUARD.
10. REPAIR BROKEN FIRE STONE STEP.
11. REPLACE EXISTING MAIN ENTRANCE RUBBER MAT.

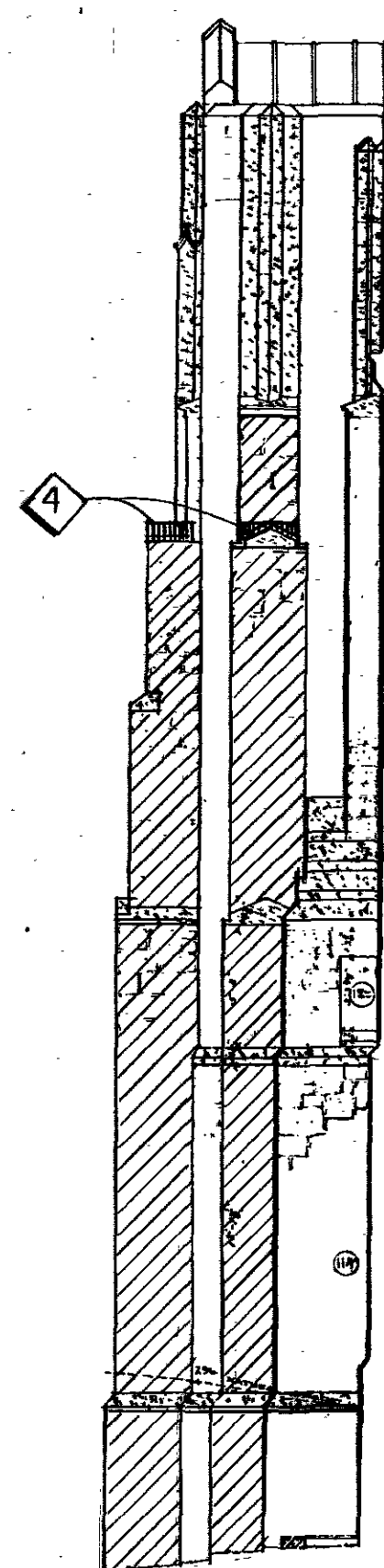
12. INSTALL NEW LEAD WEATHER CAPS OVER EXISTING LIMESTONE CORING JOINTS.

REVIEWED BY

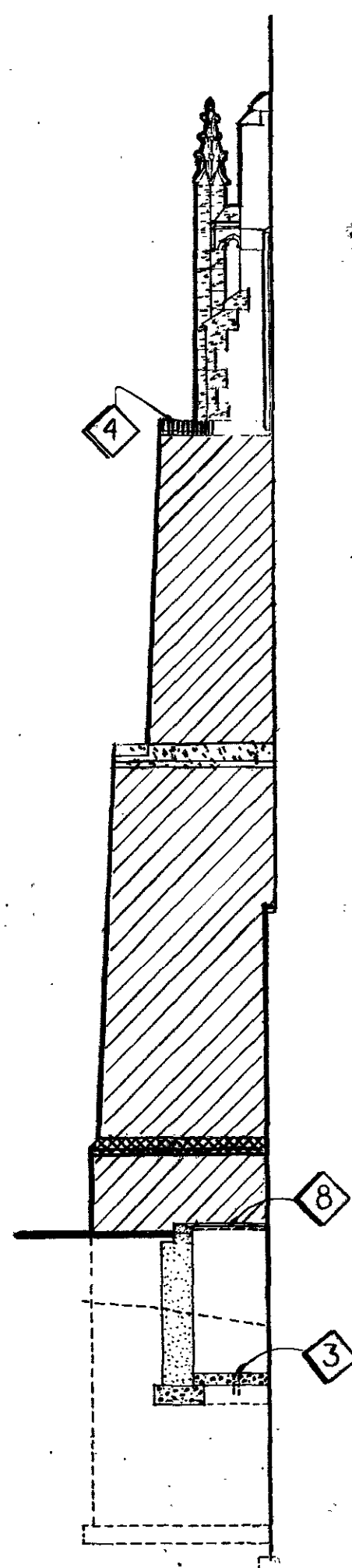
*[Signature]* 22 July 83  
CHAPLAIN

OFFICE OF THE ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK					
PARTIAL EXTERIOR REPAIRS TO CADET CHAPEL BUILDING NO. 722 (ELEVATION AND NOTES)					
SUBMITTED BY: <i>[Signature]</i>		APPROVED BY: <i>[Signature]</i>		DATE 14 JULY 83	
SCALE NOTED	DRAWN H.W.O.	TRACED	CHECKED	DATE 14 JULY 83	PLAN NO. 8978

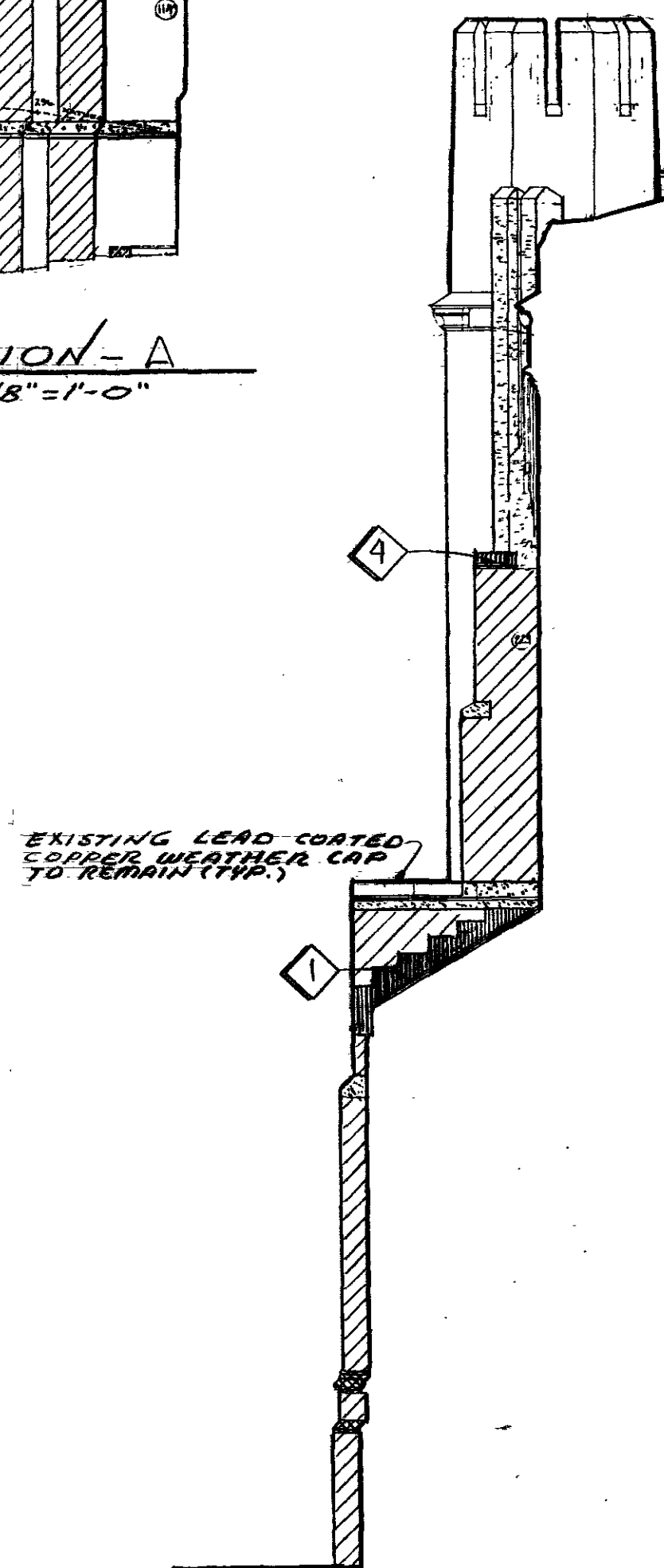




SECTION-A  
SCALE 1/8"=1'-0"

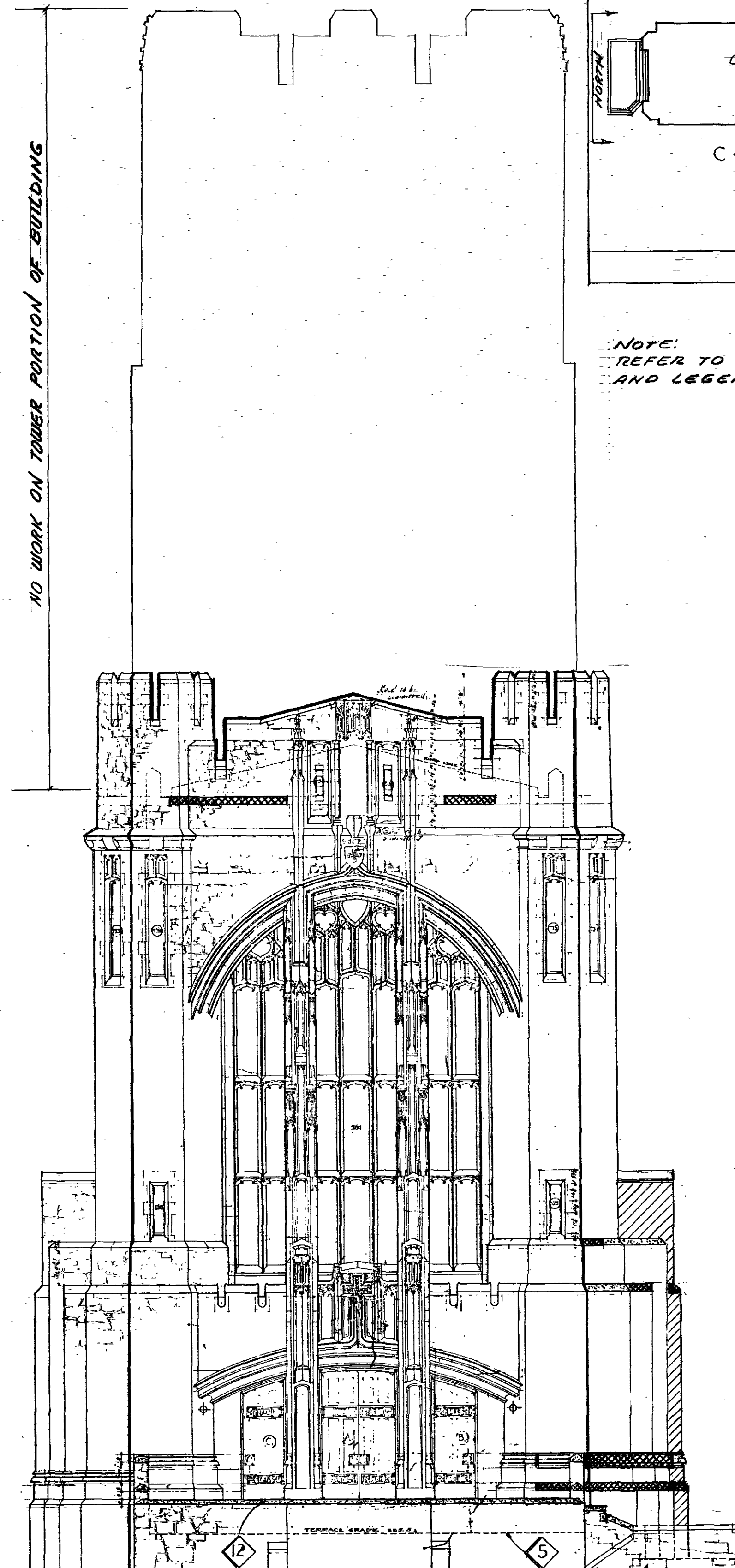


SECTION-B  
SCALE 1/8"=1'-0"

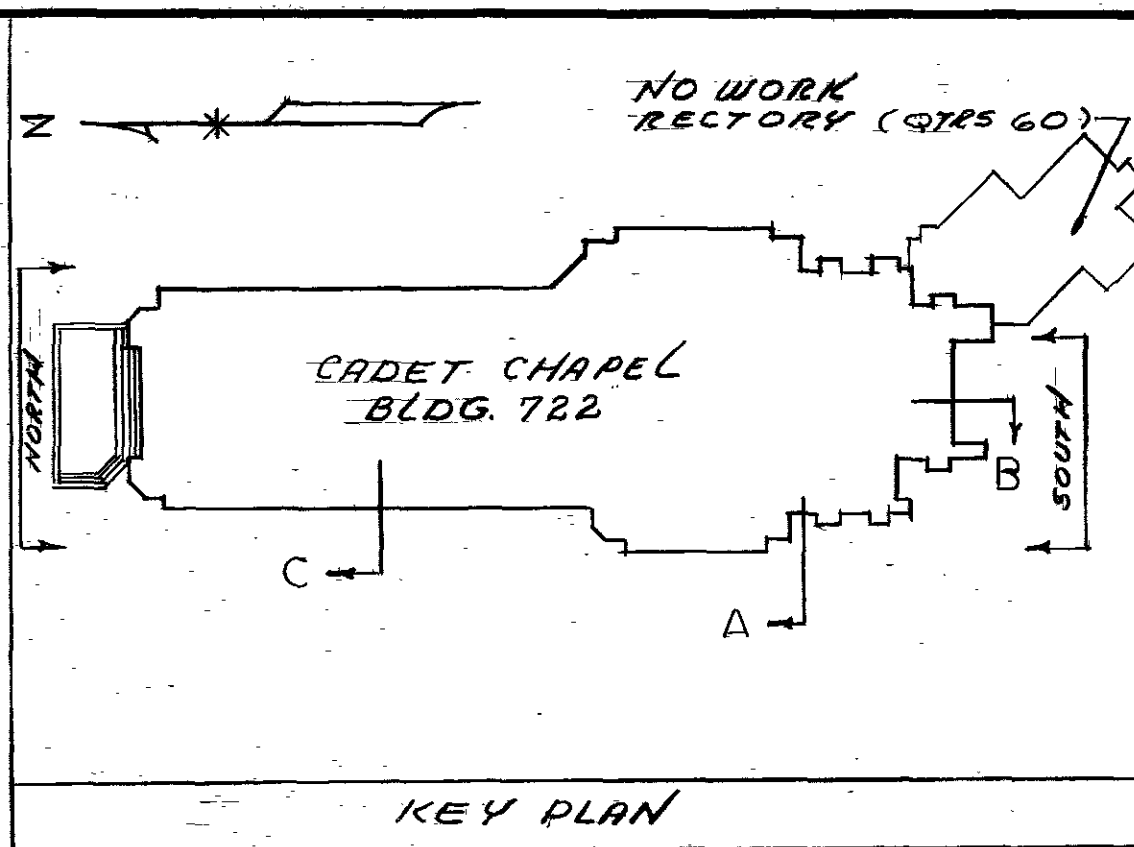


SECTION-C  
SCALE 1/8"=1'-0"

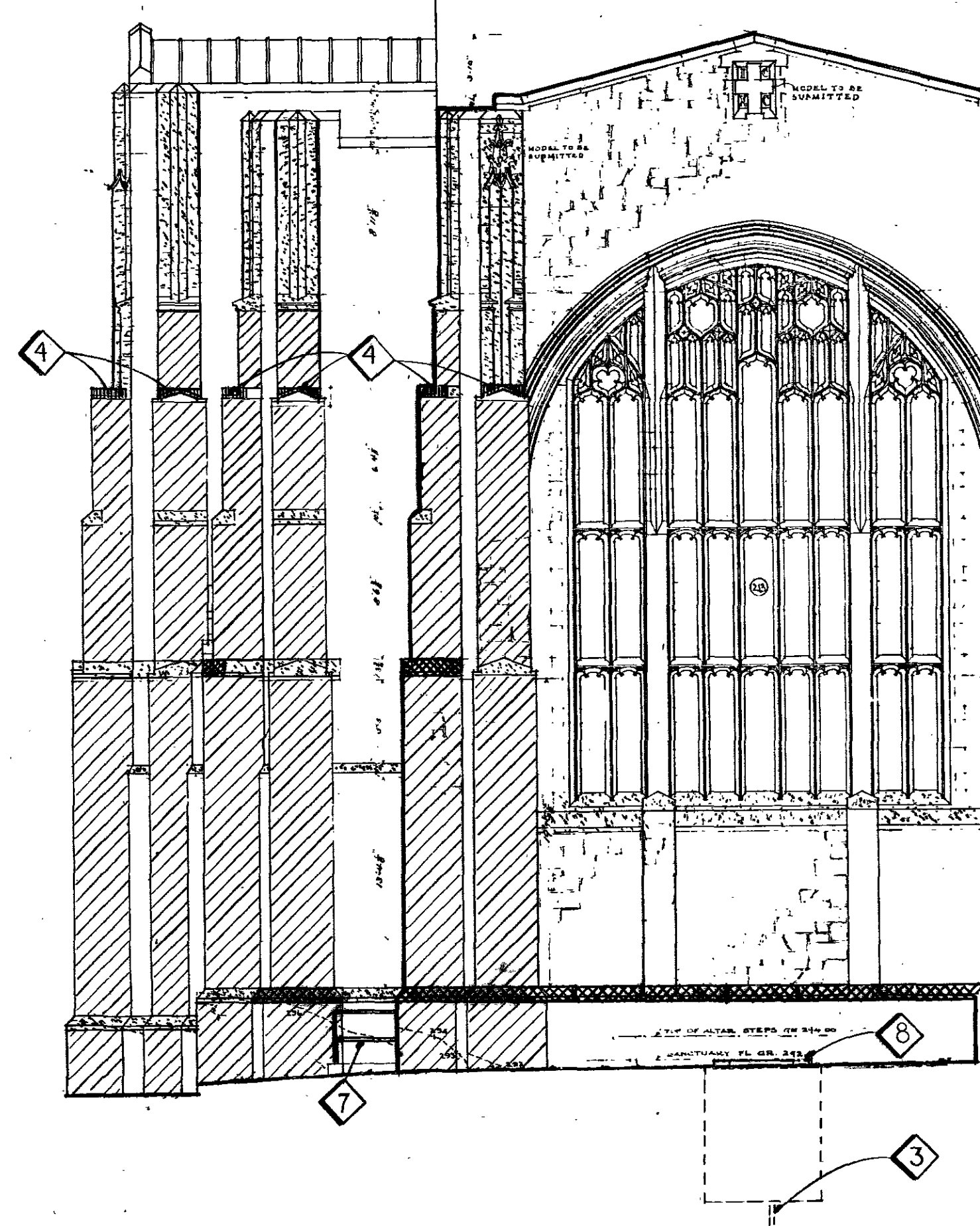
EXISTING LEAD-COATED  
COPPER WEATHER CAP  
TO REMAIN (HP)



NORTH ELEVATION  
SCALE 1/8"=1'-0"



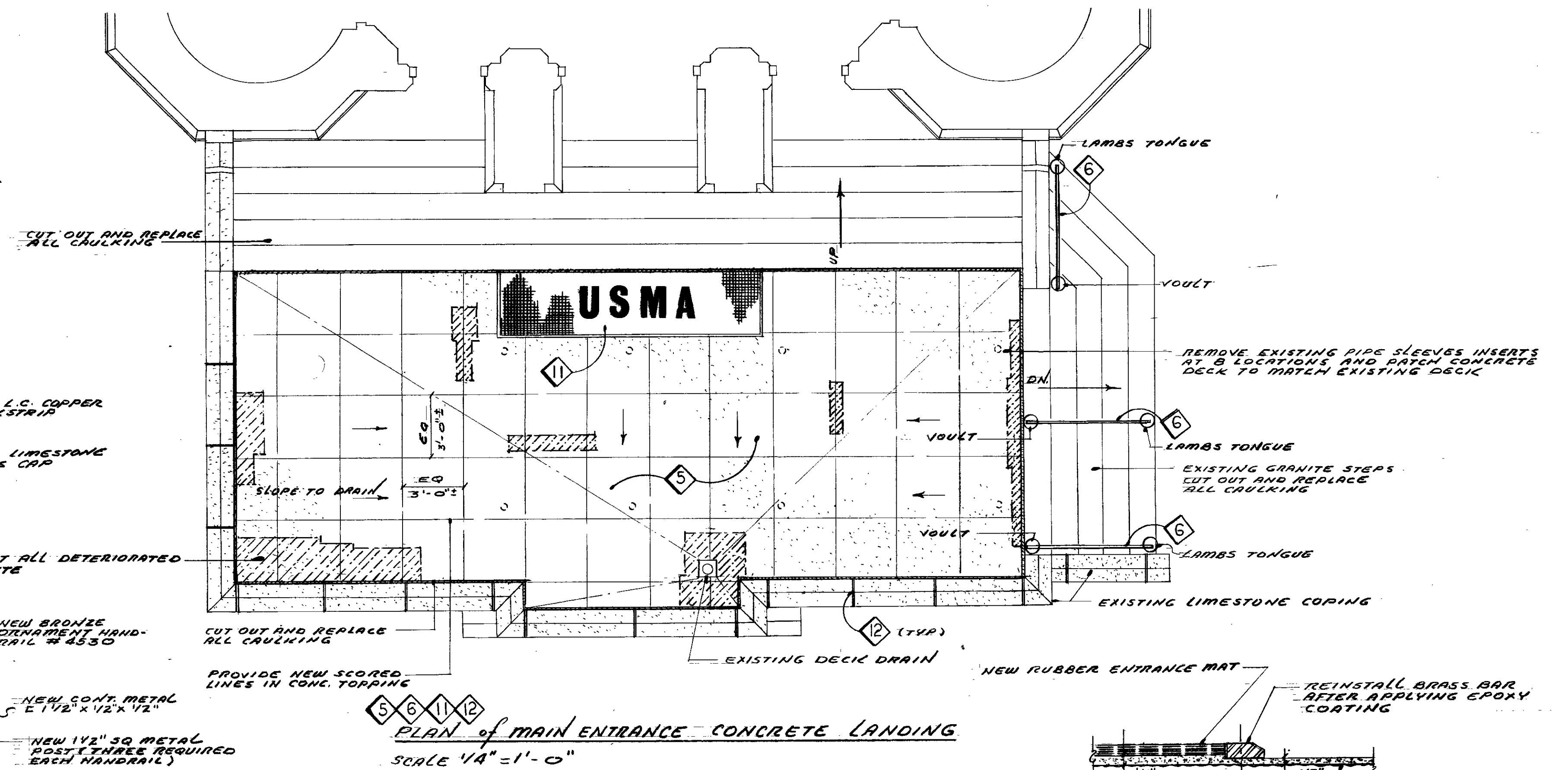
NOTE:  
REFER TO PLAN NO. 8978 FOR NOTES  
AND LEGEND



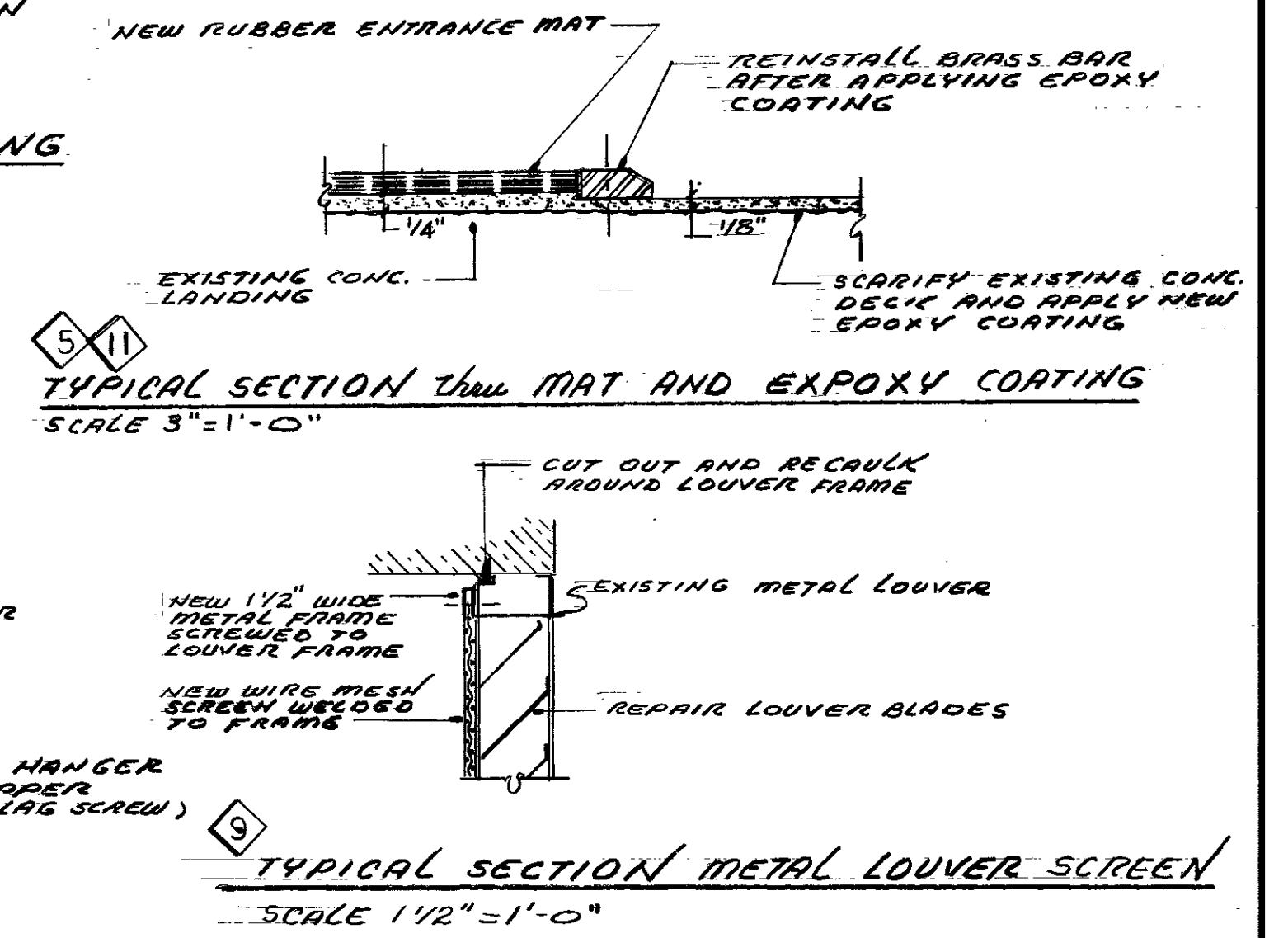
SOUTH ELEVATION  
SCALE 1/8"=1'-0"

OFFICE OF THE ENGINEER UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK				
PARTIAL EXTERIOR REPAIRS TO CADET CHAPEL BUILDING NO. 722 (ELEVATIONS, SECTIONS AND NOTES)				
SUBMITTED BY: R. Steinhilber		APPROVED BY: [Signature]		
SCALE NOTED	DRAWN H.W.O.	TRACED	CHECKED [Signature]	DATE 14 JULY 83
				PLAN NO. 8979

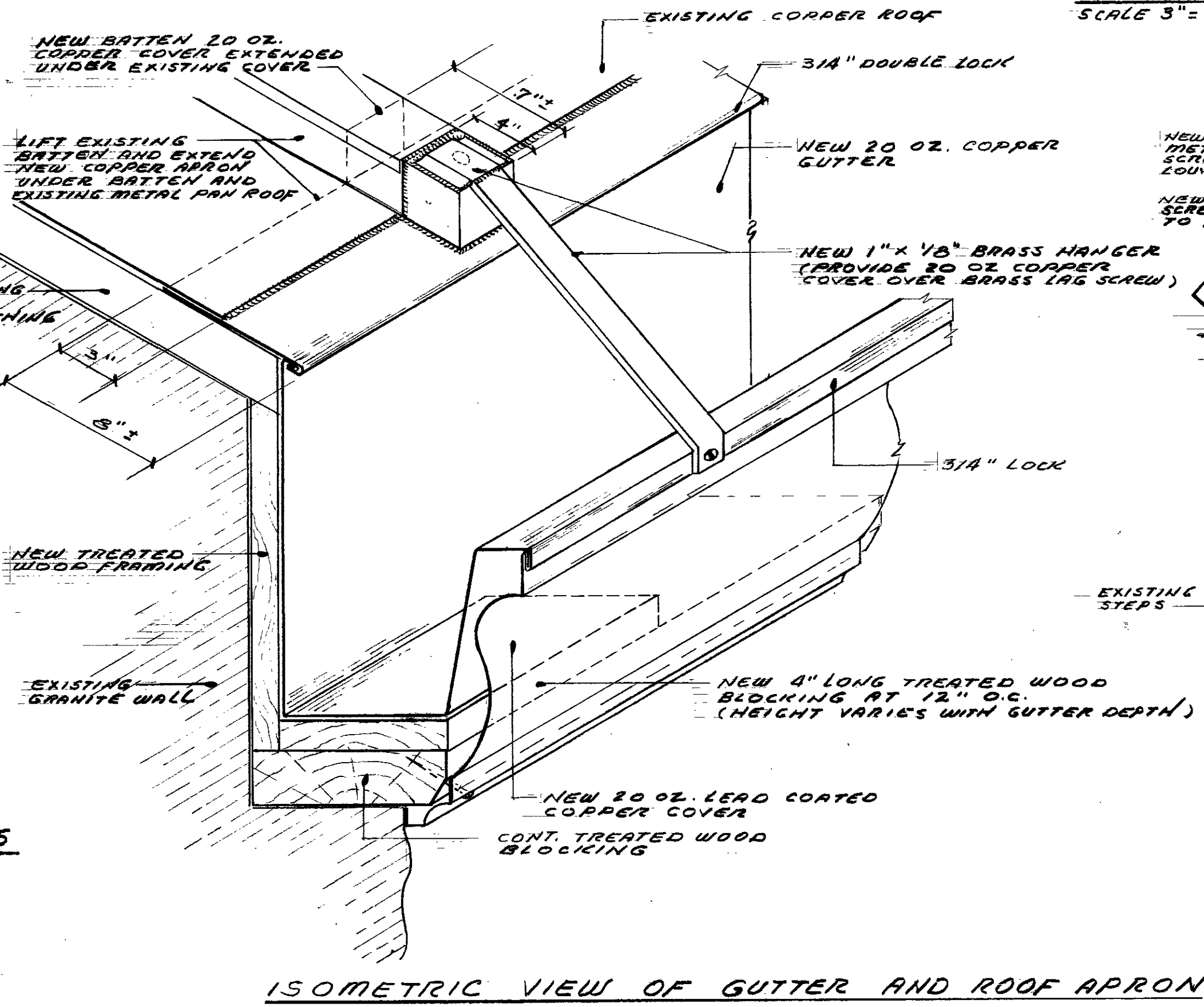




PLAN of MAIN ENTRANCE - CONCRETE LANDING  
SCALE 1/4" = 1' - 0"



TYPICAL SECTION METAL LOUVER SCREEN  
SCALE 1 1/2" = 1'-0"



10



10/10/10

DRILL HOLE AND INSTALL  
NEW RODS, SET STEP  
IN EPOXY GROUT

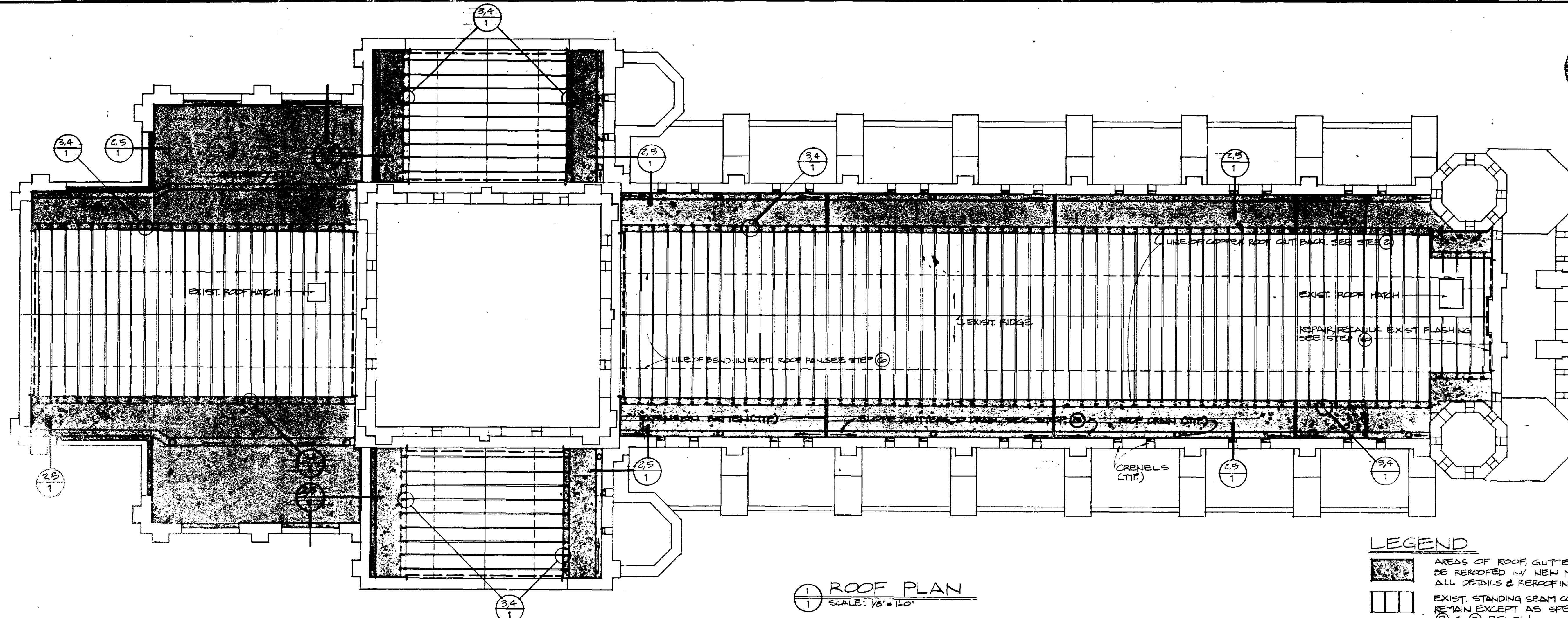
EXISTING COPING

LUESTONE

PLAN of STEPS @ SIDE ENTRANCE  
SCALE 3/8"=1'-0" (WEST ELEVATION)

<h1 style="text-align: center;">OFFICE OF THE ENGINEER</h1> <h2 style="text-align: center;">UNITED STATES MILITARY ACADEMY</h2> <p style="text-align: center;">WEST POINT, NEW YORK</p>			
<p><u>PARTIAL</u></p>			
<p><u>EXTERIOR REPAIRS TO CADET CHAPEL</u></p> <p><u>BUILDING NO. 722</u></p> <p>(PLANS DETAILS SECTIONS AND NOTES)</p>			
SUBMITTED BY: 		APPROVED BY: 	
SCALE	DRAWN	CHECKED	DATE
<i>NOTED</i>	<i>H.M.O.</i>	<i>[initials]</i>	<i>14 Jul 1932</i>
TRACED		PLAN NO.	
		<i>8980</i>	

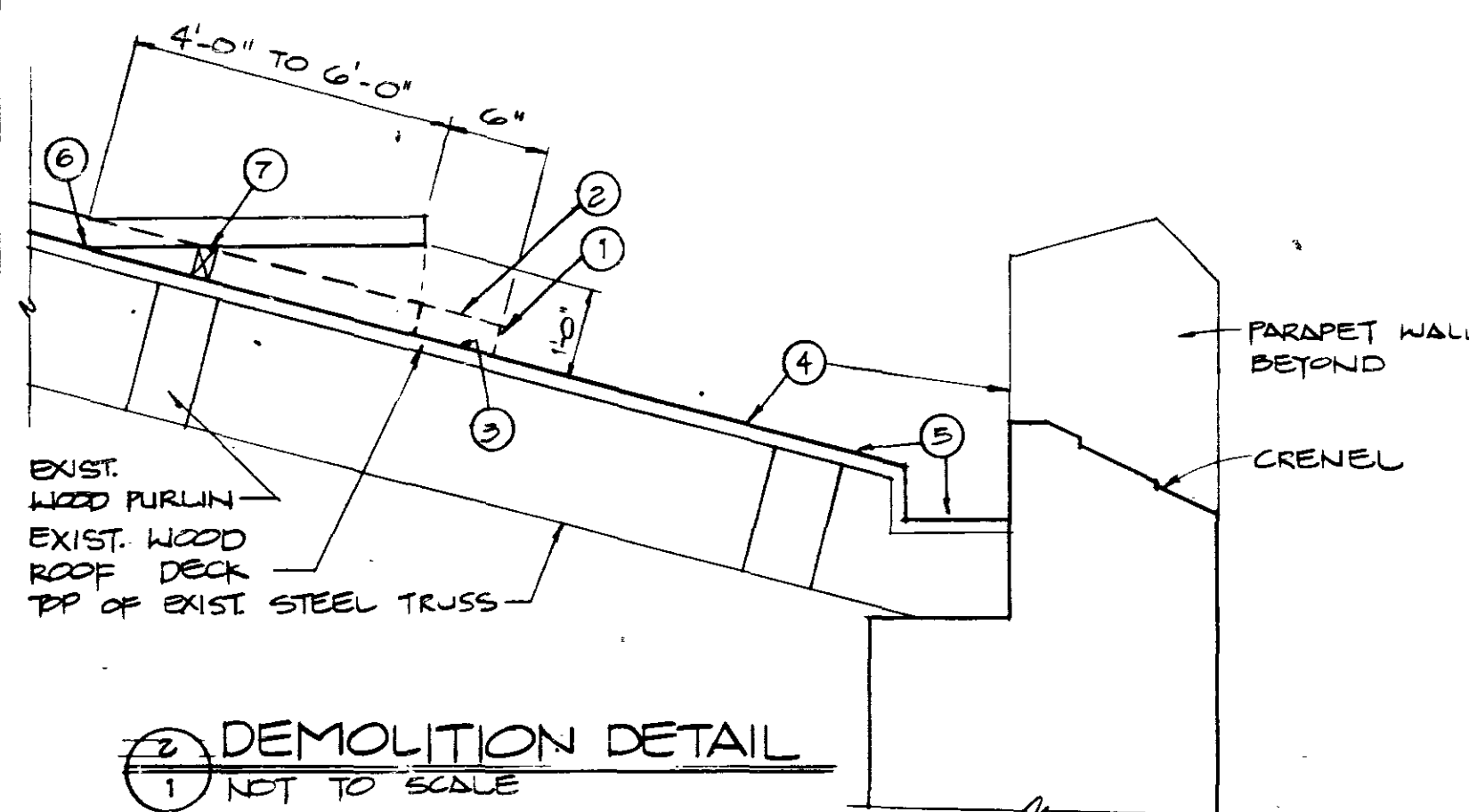




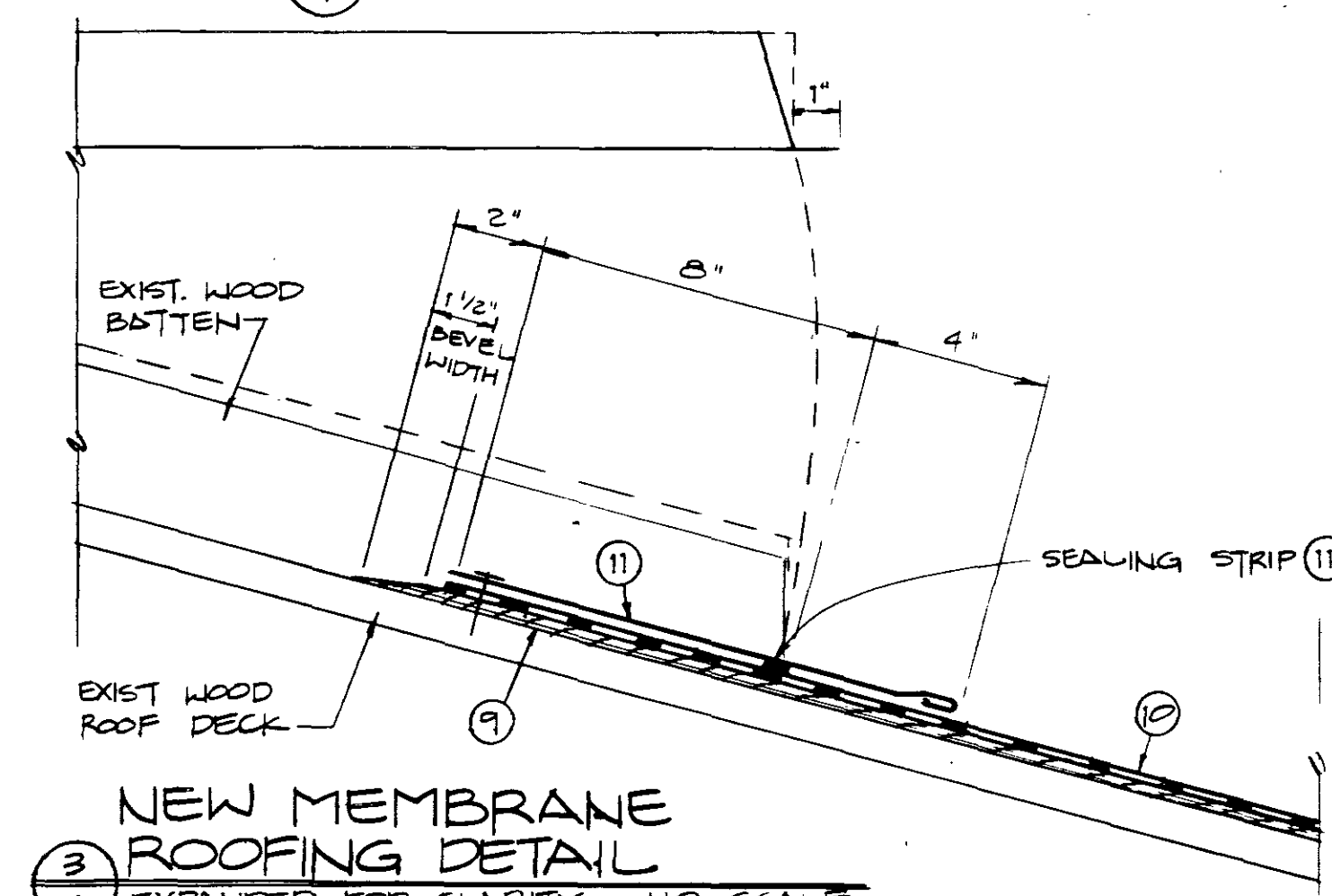
1 ROOF PLAN  
SCALE: 1/8" = 1'-0"

#### LEGEND

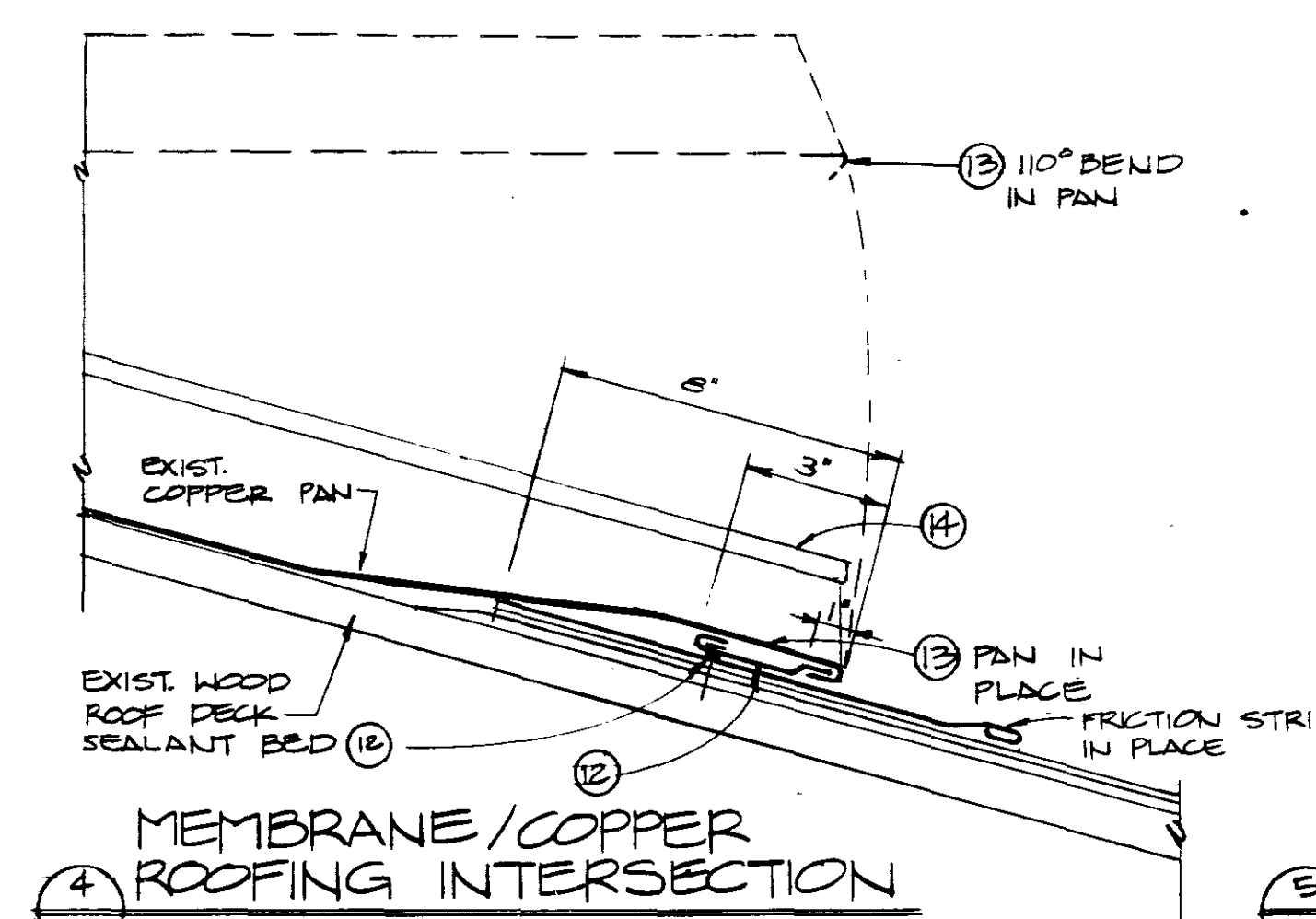
- AREAS OF ROOF, GUTTER, & PARAPET TO BE REROOFED W/ NEW MEMBRANE. SEE ALL DETAILS & REROOFING STEPS BELOW.
- EXIST. STANDING SEAM COPPER ROOFING TO REMAIN EXCEPT AS SPECIFIED IN STEPS 2 & 3 BELOW.
- AREAS OF ROOF, GUTTER, & PARAPET WHERE NO WORK IS REQUIRED BY THIS CONTRACT.
- EXIST. COPPER FLASHING TO BE REPAIRED & NEW SEALANT INSTALLED. SEE STEP 16



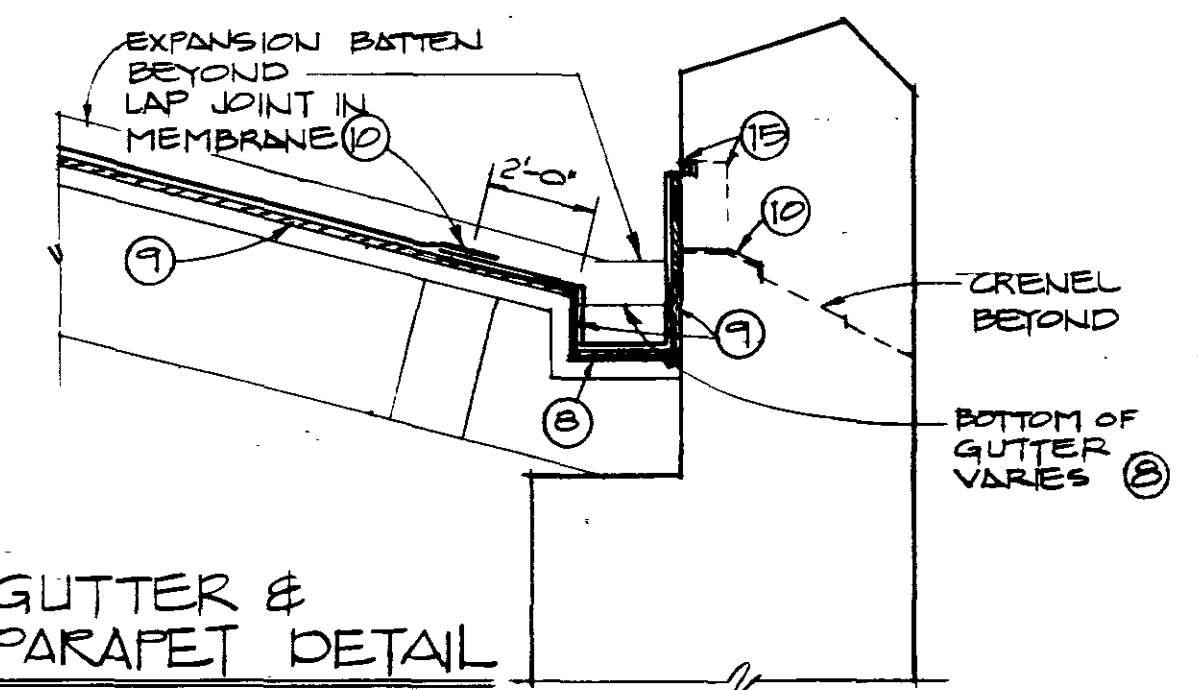
2 DEMOLITION DETAIL  
NOT TO SCALE



3 NEW MEMBRANE ROOFING DETAIL  
EXPANDED FOR CLARITY - NO SCALE



4 MEMBRANE/COPPER ROOFING INTERSECTION  
EXPANDED FOR CLARITY - NO SCALE



5 GUTTER & PARAPET DETAIL  
NOT TO SCALE

#### SEQUENCE OF REROOFING STEPS

1. REMOVE BATTEN CAP.
2. CUT BACK COPPER ROOF PAN & WOOD BATTEN 6".
3. REMOVE CUT OFF COPPER ROOF PAN, HOOK STRIP & CLEAT.
4. REMOVE ELASTOMERIC SHEET ROOFING & FLAT SEAM COPPER ROOFING BENEATH FROM ROOF DECK, GUTTERS, PARAPET WALLS, & CRENELS. REMOVE COUNTER FLASHING FROM PARAPET WALLS.
5. REPAIR DETERIORATED ROOF DECK & GUTTER SHEATHING & SUPPORTS AS REQUIRED.
6. LIFT ROOF PAN (1'-0" MAX.) BY SIMULTANEOUSLY LIFTING PAN @ CUT END & BENDING IN VERTICAL PAN LEGS @ A POINT 4'-0" MIN.
7. PLACE TEMPORARY BLOCKING TO HOLD ROOF PAN ABOVE DECKING.
8. PITCH ALL GUTTERS 1/4" / FT. FROM EXPANSION BATTENS TO ROOF DRAINS. LINE BOTTOMS OF GUTTERS W/ NEW 1/2" EXTERIOR GRADE AC PLYWOOD.

#### SEQUENCE OF REROOFING STEPS (CONTINUED)

9. INSTALL NEW 3/8" EXT. GRADE AC PLYWOOD SHEATHING ON ROOF DECK, GUTTER WALL, & PARAPET WALL. HIGH EDGE TO BE BEVELED AS SHOWN IN DETAIL. STAGGER PLYWOOD JOINTS & INSTALL W/ CONSTRUCTION ADHESIVE & BY NAILING. ADHESIVE, NAILS, & PLYWOOD SHALL BE COMPATIBLE W/ MEMBRANE & APPROVED BY THE MANUFACTURER. THE HIGH EDGE SHALL BE 10" ABOVE THE LINE OF THE FINISHED MEMBRANE/COPPER JOINT. SEE DETAIL.
10. INSTALL NEW MEMBRANE ROOFING ON ROOF DECK, GUTTER, PARAPET, & CRENELS. HIGH EDGE OF MEMBRANE TO BE 8" ABOVE THE LINE OF THE FINISHED MEMBRANE/COPPER JOINT. MEMBRANE JOINT TO BE 2'-0" ABOVE GUTTER. SEE DETAILS. MEMBRANE TO BE FULLY ADHERED IN STRICT ACCORDANCE W/ SPECIFICATIONS.
11. INSTALL NEW 20 OZ. COPPER FRICTION STRIP, AS SHOWN IN DETAIL, W/ COPPER NAILS @ 6" O.C. - THE LOWER EDGE SHALL BE TURNED UNDER & FREE OF BURRS & SHARP EDGES EXPOSED TO THE MEMBRANE. IMMEDIATELY PRIOR TO INSTALLATION APPLY SEALING STRIP TO SEAL BETWEEN COPPER STRIP & MEMBRANE.

#### SEQUENCE OF REROOFING STEPS (CONTINUED)

12. INSTALL CONTINUOUS COPPER HOOK STRIP SET IN SEALANT BED BETWEEN BATTENS W/ COPPER NAILS @ 6" O.C.
13. MAKE 110° BEND DOWN IN CUT END OF COPPER ROOF PAN. REMOVE BLOCKING SUPPORTING ROOF PAN. LOWER PAN & INTERLOCK W/ HOOK STRIP.
14. TRIM BATTEN CAP TO LAP UNDER UPPER CAP A MIN. OF 8". REINSTALL BATTEN CAP & SOLDER AS REQUIRED.

#### SEQUENCE OF REROOFING STEPS (CONTINUED)

15. WRAP NEW MEMBRANE IN EXIST. REGUT. FINISH W/ FORCE FIT BACKING ROD & SEALANT.
16. REMOVE SEALANT & BACKUP FROM EXIST. COPPER FLASHING. REPAIR, RE-SOLDER, & OR REPLACE EXIST. COPPER FLASHING AS REQUIRED. INSTALL NEW BACKUP STRIP & NEW SEALANT.

#### REVIEWED BY:

Chief, Bldg. Maintenance  
Chief, Roads and Grounds  
Chief, Fire Prev. & Protect. Branch  
Chaplain, Cadet Chapel

HAYWARD & PAKAN ASSOCIATES  
ENGINEERS ARCHITECTS SURVEYORS  
321 MAIN MALL, POUGHKEEPSIE, NY 12601 914-454-9440

OFFICE OF THE ENGINEER  
UNITED STATES MILITARY ACADEMY  
WEST POINT, NEW YORK

CADET CHAPEL ROOF REPAIR

PLANS, DETAILS & NOTES

SUBMITTED BY: *William P. Gullingsford* APPROVED BY: *[Signature]*  
SCALE: AS NOTED DRAWN: DAB TRACED: JVK CHECKED: JVK DATE: 28 JUN 83 PLAN NO.: 8984



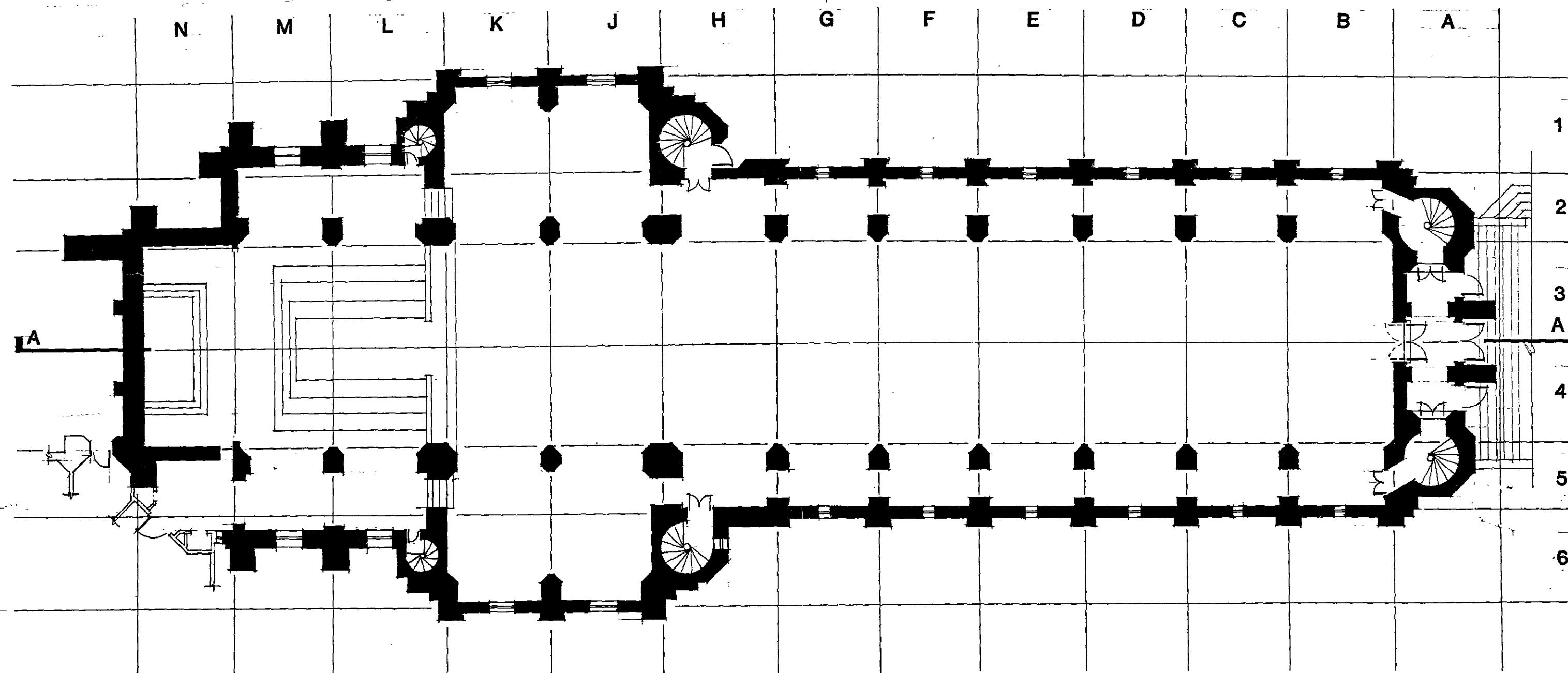
# **NOTES:**

- a. The Building Plan has been divided into a grid with a numerical designation in the East-West direction (1-6) and alphabetical designation in the North-South direction (A-N).
- b. The Building Section has been divided into the levels vertically (B and 1-6).

c. This grid system has been referred to in this specification and shall be used by the Contractor in all schedules, reports and other communications with the Contracting Officer.

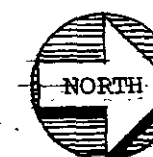
d. The order of designation shall be:

- (1) level (from section)
  - (2) North-South grid (alphabetical from plan)
  - (3) East-West grid (numerical from plan)
- Example: 1-A-2, nave floor level in NW stair tower.



## **BUILDING PLAN**

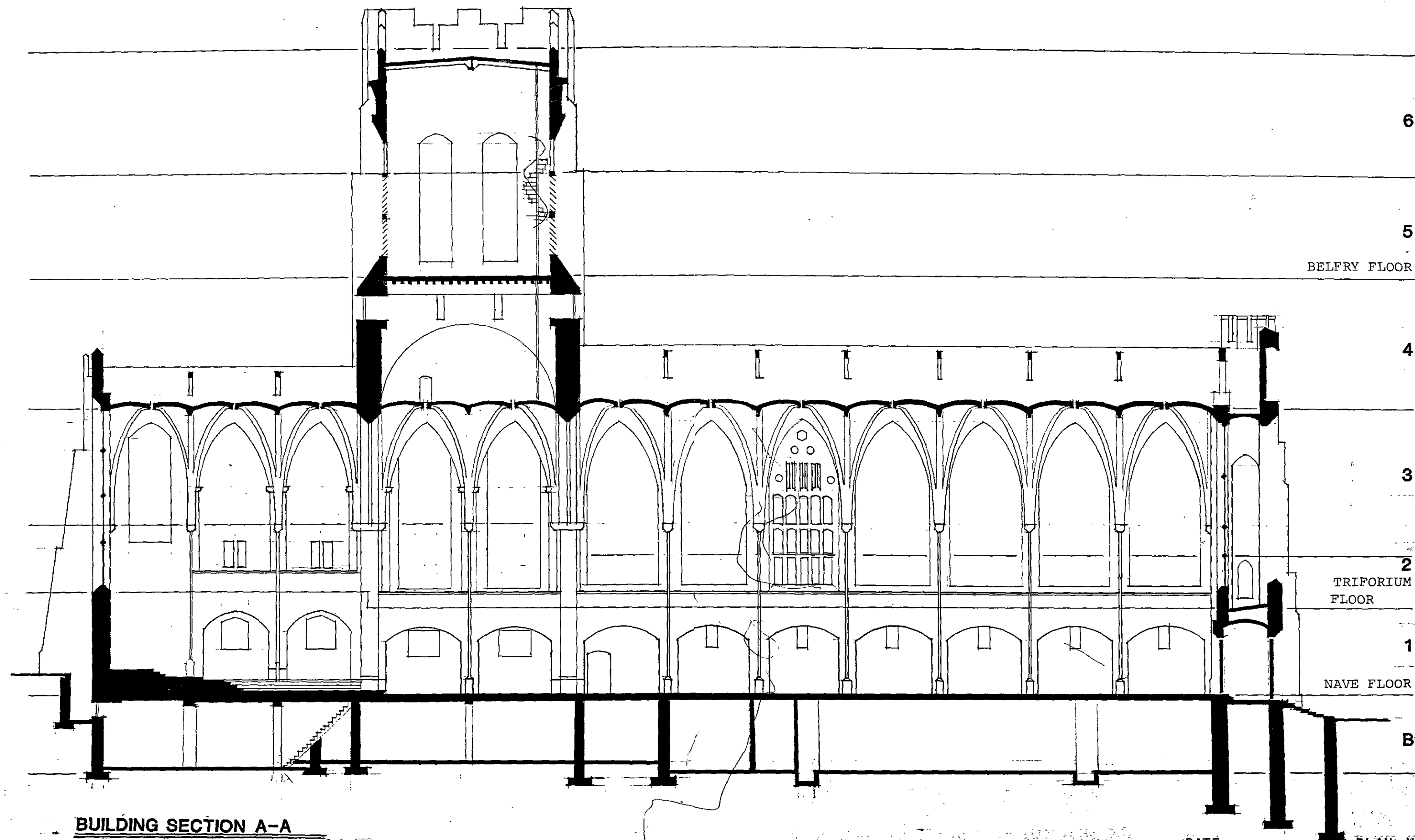
USMA CADET CHAPEL SCALE: 1"=16'-0"



DATE  
28 JUN 83

PLAN NO.  
8985





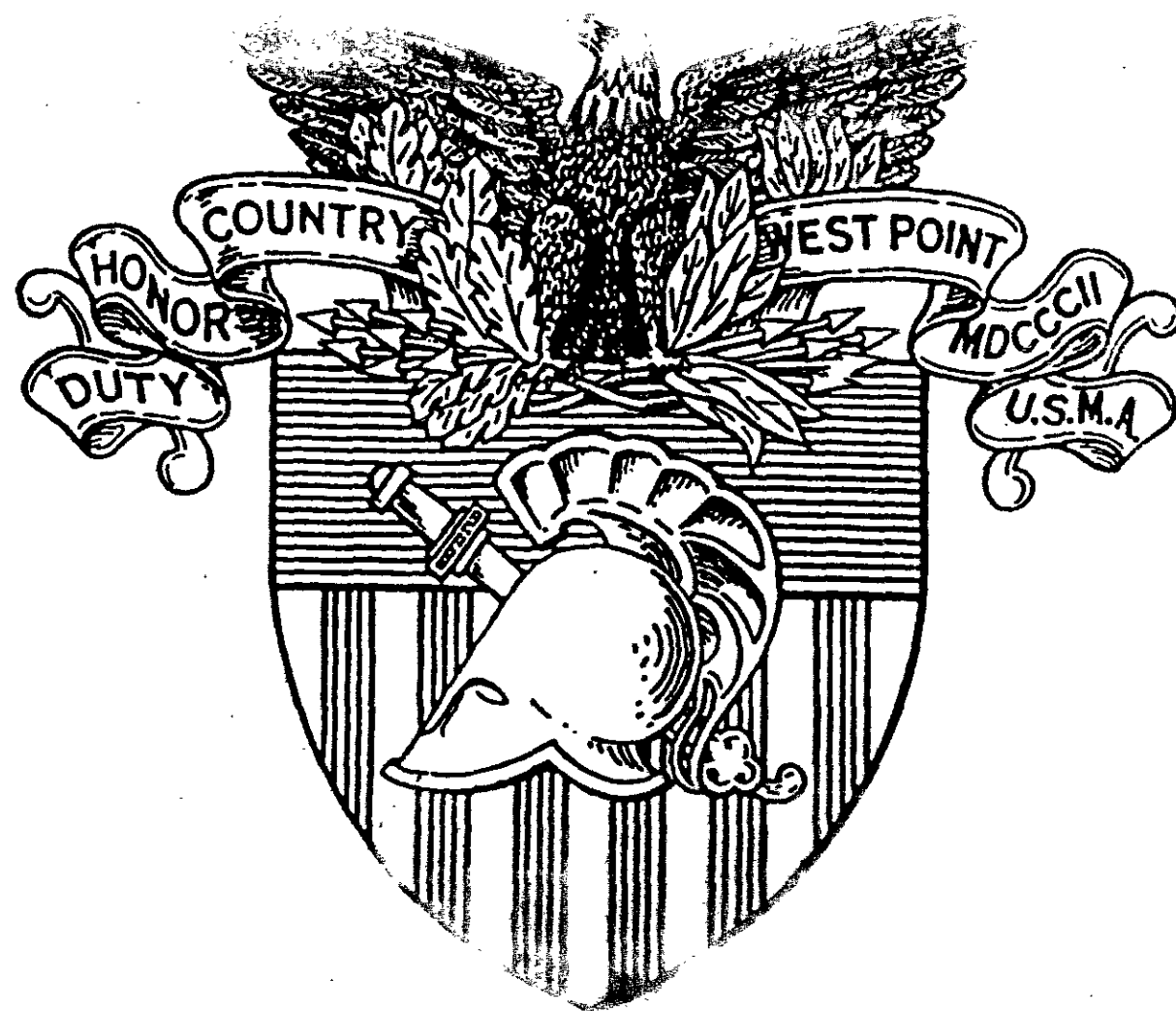
**BUILDING SECTION A-A**

USMA CADET CHAPEL SCALE: 1"=16'-0"

DATE  
28 JUN 83

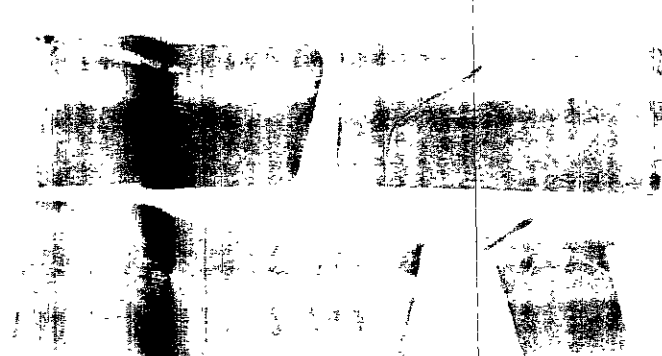
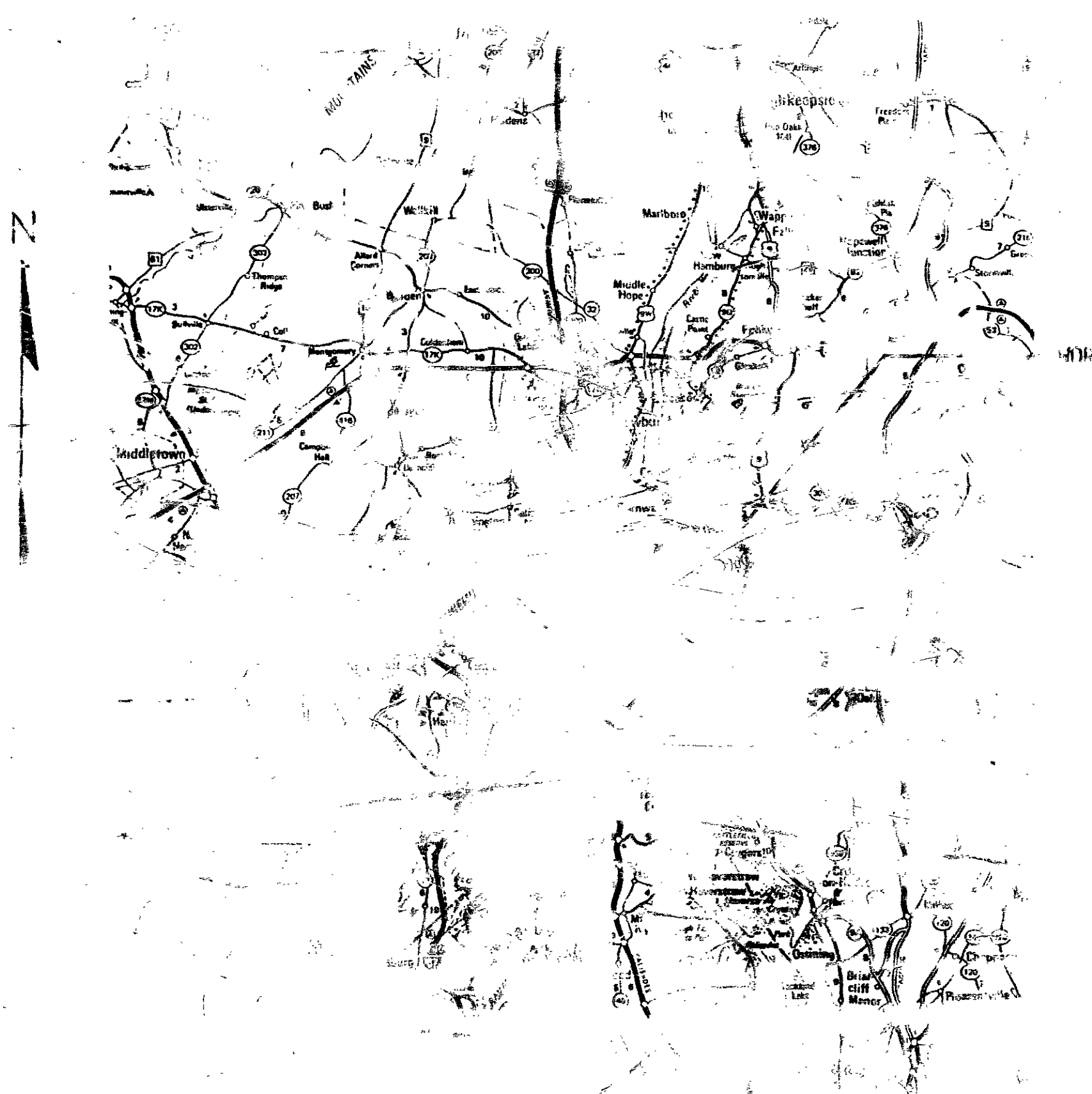
PLAN NO  
8986





# U.S. ARMY CORPS OF ENGINEERS UNITED STATES MILITARY ACADEMY WEST POINT, NEW YORK

## MASONRY REPAIRS TO CADET CHAPEL



BURNS AND ROE INDUSTRIAL SERVICES COMPANY  
Engineers and Constructors - Ocoee, NJ  
A Company of Burns & Roe International, Inc.



Order Type	Priority	Order	Confirmation	Description	Operation Short Text	Functional Location	Main work center	Operation WorkCenter	System status	User Status	Actual work	Total actual costs	Costing Sheet	Planner group	Created on	Actual start (date)	Actual Order Finish date	Entered by	Last changed by
A001	3	100009904424	18077538	Ramp lights are not operating BLDG 722	:Ramp lights are not operating BLDG 722	36993.722	1024	1024	CLSD CNF GMPS MACM PPRT PRC SET			10.0	538.60 PM001	AF	2/4/2021	2/4/2021	2/8/2021	1515262829	1386687273
A001	3	100009999843	182259180	leak coming from radiator BLDG 722	leak coming from radiator BLDG 722	36993.722	1021	1021	CLSD CNF GMPS MACM PPRT PRC SET			24.0	1,329.20 PM001	AF	3/9/2021	3/9/2021	3/11/2021	1515262829	1228717076
A001	3	100010079660	1842259180	switch is loose BLDG 722	switch is loose BLDG 722	36993.722	1024	1024	CLSD CNF GMPS MACM PPRT PRC SET			8.0	376.88 PM001	AF	4/8/2021	4/8/2021	4/8/2021	1515262829	87C USER
A001	3	100010142717	18529501	light bulb in BLDG 722 BSMT	light bulb in BLDG 722 BSMT	36993.722	1024	1024	CLSD CNF GMPS MACM PPRT PRC SET			4.0	381.02 PM001	AF	4/28/2021	4/28/2021	5/8/2021	1515262829	87C USER
A001	3	100010354602	18904355	the timer is out BLDG 722	the timer is out BLDG 722	36993.722	1024	1024	CLSD CNF GMPS MACM PPRT PRC SET			14.0	1,020.04 PM001	AF	7/8/2021	7/14/2021	7/14/2021	1515262829	87C USER
A001	2	100011180406	20622062	INVESTIGATE OPEN GROUND RECEPTACLE	BI RM REAR HAL In the rear hall, east side	36993.722	1024	1024	CLSD CNF GMPS MACM PPRT PRC SET			9.0	458.74 PM001	AF	4/27/2022	4/27/2022	5/2/2022	1515262829	87C USER
A001	3	100012048118	22476022	SINK IN MEN'S RM LEAKING HOT WATER BL. 722	THE SINK IN THE MEN'S RESTROOM AT CADET	36993.722	1021	1021	CLSD CNF GMPS MACM PPRT PRC SET			5.0	247.50 PM001	AF	2/15/2023	2/15/2023	2/17/2023	1515262829	87C USER
A002	2	200003053584	19545255	PM AIR HANDLING UNITS 722	Perform Qtr PM of Air Handling Equip	36993.722	1027	1027	CLSD CNF MACM PRC SETC			10.0	905.12 PM001	AF	10/3/2021	10/4/2021	11/7/2021	IP1020211003	87C USER
A002	2	200003129869	19964358	PM AIR HANDLING UNITS 722	Perform Qtr PM of Air Handling Equip	36993.722	1027	1027	CLSD CNF MACM PRC SETC			15.0	777.99 PM001	AF	11/1/2022	11/10/2022	1/13/2022	1228780878	87C USER
A002	2	200003455786	21093181	PM AIR HANDLING UNITS 722	Perform Qtr PM of Air Handling Equip	36993.722	1027	1027	CLSD CNF MACM PRC SETC			6.0	257.82 PM001	AF	7/19/2022	7/19/2022	7/20/2022	1228717076	87C USER
A001	2	100006859563	12528011	B-722 AHU-2 SUPPLY FAN INOP	B-722 AHU-2 SUPPLY FAN INOP	36993.722	1026	1026	CLSD CNF NMAT PRC SETC		AF	8.0	343.28 PM001	AF	3/26/2018	3/26/2018	3/27/2018	1231939459	87C USER
A001	2	100007150243	12810433	B-722: WOMENS ONLY TOILETS CLOGGED	B-722: WOMENS ONLY TOILETS CLOGGED	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			5.0	236.06 PM001	AF	5/22/2018	5/22/2018	5/22/2018	1231939459	87C USER
A001	3	100007318970	13101407	SHUT OFF VALVE LEAKING BLDG 722 MEN'S RM	SHUT OFF VALVE LEAKING BLDG 722 MEN'S RM	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			4.5	221.79 PM001	AF	7/20/2018	7/20/2018	7/23/2018	1386687273	87C USER
A001	3	100007232395	13109145	INSTALL LESLIE STEAM PVR BLDG 722	INSTALL LESLIE STEAM PVR BLDG 722	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			14.0	676.20 PM001	AF	7/23/2018	7/23/2018	7/24/2018	1386687273	87C USER
A001	3	100007462055	13367043	B722 WATER FOUNTAIN INOP	B722 WATER FOUNTAIN INOP	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			0.5	24.15 PM001	AF	9/7/2018	9/7/2018	9/7/2018	1231939459	87C USER
A001	3	100007462058	13367193	WATER FOUNTAIN OUTSIDE CEMETARY INOP	WATER FOUNTAIN OUTSIDE CEMETARY INOP	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			0.5	24.15 PM001	AF	9/7/2018	9/7/2018	9/10/2018	1231939459	87C USER
A001	3	100009366107	16931890	BLDG 722: R&R CHILLER CONTROL PANEL POC	BLDG 722: R&R CHILLER CONTROL PANEL POC	36993.722	1026	1026	CLSD CNF NMAT PRC SETC			2.0	94.64 PM001	AF	7/15/2020	7/15/2020	8/18/2020	1227672721	87C USER
A001	3	100011263821	20765582	722 CLEAN AC STRAINER: POC TREVOR COHN	722 CLEAN AC STRAINER: POC TREVOR COHN	36993.722	1026	1026	CLSD CNF NMAT PRC SETC			5.0	236.60 PM001	AF	5/24/2022	5/24/2022	7/13/2022	1296391278	87C USER
A001	2	100012962070	24138096	THERE ARE STEAM ISSUES	RM BASEMENT THERE ARE STEAM ISSUES IN	36993.722	1026	1026	CLSD CNF NMAT PRC SETC		AF	8.0	392.00 PM001	AF	12/15/2023	12/15/2023	1/4/2024	1386687273	87C USER
A002	2	200003018370	19493944	STEAM HEAT BUILDING 722	ANNUAL PM STEAM HEATING EQUIPMENT	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			36.0	1,756.42 PM001	AF	10/7/2021	12/15/2021	1/10/2022	IP1020211007	87C USER
A002	2	200003888068	21714189	STEAM HEAT BUILDING 722	ANNUAL PM STEAM HEATING EQUIPMENT	36993.722	1021	1021	CLSD CNF NMAT PRC SETC			4.0	198.86 PM001	AF	10/7/2022	10/7/2022	4/24/2023	IP1020221007	87C USER
A001	3	100006920148	12410432	PLZ INVESTIGATE BULB REPCMNT BLDG 722	PLZ INVESTIGATE BULB REPCMNT BLDG 722	36993.722	1024	1024	CLSD CNF PRT GMPS NMAT PRC SETC VMAT			16.0	2,370.24 PM001	AF	3/1/2018	3/4/2018	3/4/2018	1386687273	87C USER
A001	3	100008819882	18888656	REPLACE BROKEN TOILET SEATS BLDG 722	REPLACE BROKEN TOILET SEATS BLDG 722	36993.722	1021	1021	CLSD CNF PRT GMPS NMAT PRC SETC VMAT			3.0	726.09 PM001	AF	12/9/2019	12/9/2019	1/9/2020	1515262829	87C USER
A001	2	100006752909	12142038	UNSAFE COVER PLEASE INVESTIGATE BLDG 722	UNSAFE COVER PLEASE INVESTIGATE BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			1.0	51.52 PM001	AF	12/2/2018	12/2/2018	12/2/2018	1386687273	87C USER
A001	2	100006766024	12161566	BLDG 722: building too cold	BLDG 722: building too cold	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			26.0	1,277.94 PM001	AF	1/5/2018	1/5/2018	5/1/2018	1522870854	87C USER
A001	3	100006780384	12183357	2ND FL BEAM DETECTOR BLDG 722	2ND FL BEAM DETECTOR BLDG 722	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			1.0	41.57 PM001	AF	11/10/2018	11/10/2018	4/12/2018	1386687273	87C USER
A001	3	100006862280	12314882	STRAIRCASE TRED'S SEPERATING BLDG 722	STRAIRCASE TRED'S SEPERATING BLDG 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			5.0	229.05 PM001	AF	2/8/2018	2/8/2018	2/26/2018	1386687273	87C USER
A001	3	100006867051	12321896	B-722: STEAM LEAK AT FLANGE	B-722: STEAM LEAK AT FLANGE	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			1.0	48.30 PM001	AF	2/9/2018	2/9/2018	2/9/2018	1231939459	87C USER
A001	2	100006889730	12369876	half of 2nd floor beam detector BLDG 722	half of 2nd floor beam detector BLDG 722	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			2.0	162.92 PM001	AF	2/26/2018	2/26/2018	2/26/2018	1386687273	87C USER
A001	3	100006888740	12359450	NE Basement Smoke Detector Trouble BLD 7	NE Basement Smoke Detector Trouble BLD 7	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			5.0	207.85 PM001	AF	2/20/2018	2/20/2018	4/12/2018	1386687273	87C USER
A001	3	100006930633	12423630	LIGHT THERMAN FUNCTIONING BLDG 722	LIGHT THERMAN FUNCTIONING BLDG 722	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			10.0	430.50 PM001	AF	3/6/2018	3/6/2018	3/15/2018	1386687273	87C USER
A001	3	100006962772	123874138	BEAM DETECTOR INSTALL BLDG 722 2ND FL	BEAM DETECTOR INSTALL BLDG 722 2ND FL	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			23.0	963.51 PM001	AF	3/16/2018	3/16/2018	4/16/2018	1386687273	87C USER
A001	3	100006992515	12456161	SMOKE DETECTOR NE BASEMENT BLDG 722	SMOKE DETECTOR NE BASEMENT BLDG 722	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			1.0	61.46 PM001	AF	4/16/2018	4/16/2018	4/16/2018	1386687273	87C USER
A001	3	100006968491	12495946	DOOR DOESNT CLOSE FULLY BLDG 722	DOOR DOESNT CLOSE FULLY BLDG 722	36993.722	1011	1011	CLSD CNF PRT NMAT PRC SETC			2.0	91.70 PM001	AF	3/19/2018	3/19/2018	4/30/2018	1386687273	87C USER
A001	3	100007010189	12553537	LOCK NEEDS TO BE REVERSED BLDG 722	LOCK NEEDS TO BE REVERSED BLDG 722	36993.722	1011	1011	CLSD CNF PRT NMAT PRC SETC			4.0	183.40 PM001	AF	3/30/2018	3/30/2018	4/1/2018	1386687273	87C USER
A001	3	100007064749	12667310	SUPPLY FAN ALARM BLDG 722 RM 1924	SUPPLY FAN ALARM BLDG 722 RM 1924	36993.722	1023	1023	CLSD CNF PRT NMAT PRC SETC			4.0	171.64 PM001	AF	4/23/2018	4/23/2018	4/24/2018	1386687273	87C USER
A001	3	100007070515	12669873	DRAIN CLOGGED BLDG 722 MEN'S RM	DRAIN CLOGGED BLDG 722 MEN'S RM	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			7.0	320.58 PM001	AF	4/23/2018	4/23/2018	4/23/2018	1386687273	87C USER
A001	3	100007123235	12763345	GLYCOL TANK ALMOST EMPTY BLDG 722	GLYCOL TANK ALMOST EMPTY BLDG 722	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			3.0	128.73 PM001	AF	5/14/2018	5/14/2018	6/5/2018	1386687273	87C USER
A001	3	100007129644	12772092	PROVIDE NO PARKING SIGNS: BLDG 722	PROVIDE NO PARKING SIGNS: BLDG 722	36993.722	1008	1008	CLSD CNF PRT NMAT PRC SETC			8.0	362.16 PM001	AF	5/16/2018	5/16/2018	5/21/2018	1386687273	87C USER
A001	3	100007139699	12786600	ROOF LEAKS BLDG 722	ROOF LEAKS BLDG 722	36993.722	1010	1010	CLSD CNF PRT NMAT PRC SETC			4.0	187.12 PM001	AF	5/17/2018	5/17/2018	7/25/2018	1386687273	87C USER
A001	3	100007172891	12842427	AHU-2 SUPPLY FAN SHUTDOWN BLDG 722	AHU-2 SUPPLY FAN SHUTDOWN BLDG 722	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			1.0	28.73 PM001	AF	5/31/2018	5/31/2018	7/12/2018	1386687273	87C USER
A001	3	100007223924	12935056	LEFT TOILET STOPPED UP BLDG 722 MEN'S RM	LEFT TOILET STOPPED UP BLDG 722 MEN'S RM	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			5.0	244.28 PM001	AF	6/18/2018	6/18/2018	6/20/2018	1386687273	87C USER
A001	3	100007281363	13039453	LEFT TOILET STALL BACKED UP BLDG 722	LEFT TOILET STALL BACKED UP BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			10.0	488.55 PM001	AF	7/9/2018	7/12/2018	7/12/2018	1386687273	87C USER
A001	3	100007312659	13025958	INSTALL 2" TRAP ON HEAT RETURN BLDG 722	INSTALL 2" TRAP ON HEAT RETURN BLDG 722	36993.722	1005	1005	CLSD CNF PRT NMAT PRC SETC			60.0	3,706.56 PM001	AF	7/18/2018	7/18/2018	7/24/2018	1386687273	87C USER
A001	3	100007312659	13025958	INSTALL 2" TRAP ON HEAT RETURN BLDG 722	INSTALL 2" TRAP ON HEAT RETURN BLDG 722	36993.722	1005	1005	CLSD CNF PRT NMAT PRC SETC			16.0	1,056.56 PM001	AF	7/18/2018	7/18/2018	7/18/2018	1386687273	87C USER
A001	3	100007366818	13181042	EXTERIOR DOOR INOP BLDG 722 SIDE DOOR	EXTERIOR DOOR INOP BLDG 722 SIDE DOOR	36993.722	1011	1011	CLSD CNF PRT NMAT PRC SETC			16.0	733.60 PM001	AF	8/6/2018	8/6/2018	8/27/2018	1386687273	87C USER
A001	3	100007474622	13388341	REMOVE OLD AIR VENT BLDG 722	REMOVE OLD AIR VENT BLDG 722	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			24.0	1,029.84 PM001	AF	9/12/2018	9/12/2018	9/25/2018	1386687273	87C USER
A001	3	100007474623	13388343	SMALL ROOF ABOVE WEST DOOR NOT DRAIN	SMALL ROOF ABOVE WEST DOOR NOT DRAIN	36993.722	1010	1010	CLSD CNF PRT NMAT PRC SETC			4.5	210.51 PM001	AF	9/12/2018	9/12/2018	10/2/2018	1386687273	87C USER
A001	3	100007483696	13424707	STONE STRIP OUT OF PLACE BLDG 722	STONE STRIP OUT OF PLACE BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			3.0	151.32 PM001	AF	9/19/2018	9/19/2018	3/27/2019	1386687273	87C USER
A001	2	100007489892	13432808	SINK CLOGGED BLDG 722 KITCHEN	SINK CLOGGED BLDG 722 KITCHEN	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			7.0	338.10 PM001	AF	9/20/2018	9/19/2018	9/19/2018	1386687273	87C USER
A001	3	100007518750	13464652	FILL OPENING WITH BRICK BLDG 722	FILL OPENING WITH BRICK BLDG 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			17.0	788.32 PM001	AF	9/27/2018	11/15/2018	4/17/2020	1386687273	87C USER
A																			



Order	Type	Priority	Order	Confirmation	Description	Operation Short Text	Functional Location	Main work center	Operation WorkCenter	System status	User Status	Actual work	Total actual costs	Costing Sheet	Planner group	Created on	Actual start (date)	Actual Order Finish Date	Entered by	Last changed by
A001	3		100009355256	16913926	HVAC INOP BLDG 722 BSMT	HVAC INOP BLDG 722 BSMT	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			4.0	189.28 PM001	AF	7/13/2020	7/13/2020	8/17/2020	1515262829	BTC USER
A001	3		100009355258	16913929	FAN COIL UNIT 4 DRIPPING COND. BLDG 722	FAN COIL UNIT 4 DRIPPING COND. BLDG 722	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			2.0	94.64 PM001	AF	7/13/2020	7/13/2020	7/14/2020	1515262829	BTC USER
A001	3		100009562468	17427368	RFLC SHUT OFF WATER VALVE/RPR PIPE IN	RFLC SHUT OFF WATER VALVE/RPR PIPE IN	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			1.0	48.30 PM001	AF	10/5/2020	10/5/2020	11/2/2020	1386687273	BTC USER
A001	3		100009593329	17434837	unlaid pressure	unlaid pressure	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			2.0	98.42 PM001	AF	10/5/2020	10/5/2020	10/7/2020	1386687273	BTC USER
A001	3		100009629558	17545855	CLOGGED DRAIN BLDG 722	CLOGGED DRAIN BLDG 722	36993.722	1010	1010	CLSD CNF PRT NMAT PRC SETC			10.0	462.80 PM001	AF	10/19/2020	10/19/2020	10/20/2020	1515262829	1228737875
A001	3		100009674348	17667524	TROUBLESHOOT STEAM HEAT SYS. BLDG 722	TROUBLESHOOT STEAM HEAT SYS. BLDG 722	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			1.0	49.00 PM001	AF	11/12/2020	11/12/2020	4/19/2021	1515262829	BTC USER
A001	3		100009697603	17667529	ADJUST STEAM PRESSURE BLDG 722	ADJUST STEAM PRESSURE BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			8.0	386.40 PM001	AF	11/12/2020	11/12/2020	11/13/2020	1515262829	1228709854
A001	3		100009737077	17746421	noise from pipes bldg. 722	noise from pipes bldg. 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			9.0	433.67 PM001	AF	11/30/2020	11/30/2020	10/10/2021	1515262829	1228737875
A001	3		100009764249	17800385	RPR/RPL STEAM PRESSURE RED. VALVE BLDG 722	RPR/RPL STEAM PRESSURE RED. VALVE BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC	WMAT		1.0	48.30 PM001	AF	12/8/2020	12/8/2020	2/6/2021	1515262829	1228709854
A001	3		100009867028	18001889	NO HEAT BLDG 722	NO HEAT BLDG 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			2.0	96.88 PM001	AF	1/22/2021	1/22/2021	1/15/2022	1515262829	BTC USER
A001	3		100009913352	18034146	door will not open BLDG 722 MAIN FL	door will not open BLDG 722 MAIN FL	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			6.5	317.59 PM001	AF	2/8/2021	2/8/2021	3/9/2021	1515262829	1228717076
A001	3		100009973399	18203276	Water damage BLDG 722	Water damage BLDG 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			1.0	40.23 PM001	AF	3/1/2021	3/1/2021	7/6/2021	1515262829	BTC USER
A001	3		100010052893	18358924	STEAM VALVE & THERMOSTAT MALFUNCTION	STEAM VALVE & THERMOSTAT MALFUNCTION	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			6.5	404.82 PM001	AF	3/26/2021	3/26/2021	4/26/2021	1515262829	BTC USER
A001	3		100010052893	18375175	STEAM VALVE & THERMOSTAT MALFUNCTION	SUPPORT SHOP 1021	36993.722	1021	1024	CLSD CNF PRT NMAT PRC SETC			2.0	404.82 PM001	AF	3/26/2021	3/26/2021	4/26/2021	1515262829	BTC USER
A001	3		100010146716	18533397	STONE NEEDS TO BE REPAIRED BL 722	STONE NEEDS TO BE REPAIRED BL 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			1.0	46.28 PM001	AF	4/29/2021	4/29/2021	7/27/2021	1515262829	BTC USER
A001	3		100010195547	18624004	broken parts of sidewalk on ramp BL 722	broken parts of sidewalk on ramp BL 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			58.0	2748.46 PM001	AF	5/17/2021	5/17/2021	11/6/2022	1515262829	BTC USER
A001	3		100010195550	18624007	EXTERIOR DRAIN PIPES BLDG 722	EXTERIOR DRAIN PIPES BLDG 722	36993.722	1002	1002	CLSD CNF PRT NMAT PRC SETC			4.0	216.38 PM001	AF	5/17/2021	5/17/2021	8/2/2021	1515262829	BTC USER
A001	3		100010226511	18672021	REPLACE CURBS BLDG 722	REPLACE CURBS BLDG 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			20.0	957.72 PM001	AF	5/26/2021	5/26/2021	5/26/2021	1515262829	BTC USER
A001	3		100010235654	18691075	STONE PEELING NEAR WINDOWS BLDG 722	STONE PEELING NEAR WINDOWS BLDG 722	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			2.0	92.56 PM001	AF	6/1/2021	6/1/2021	7/27/2021	1515262829	BTC USER
A001	3		100010353603	18902452	Cadet Chapel Nave lights are CFC and con	Cadet Chapel Nave lights are CFC and con	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			4.0	179.44 PM001	AF	7/8/2021	7/8/2021	11/19/2021	1229717076	BTC USER
A001	3		100010481634	19154754	light bulb needs to be changed		36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			4.0	195.44 PM001	AF	8/17/2021	8/17/2021	8/18/2021	1386687273	BTC USER
A001	3		100010495430	19174715	SINK IS CLOGGED		36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			8.0	391.88 PM001	AF	8/20/2021	8/20/2021	8/23/2021	1386687273	BTC USER
A001	3		100010509375	19196788	FLOODING FROM STREET WATER BLDG 722	FLOODING FROM STREET WATER BLDG 722	36993.722	1002	1002	CLSD CNF PRT NMAT PRC SETC			32.0	1,704.72 PM001	AF	8/25/2021	8/25/2021	8/30/2021	1515262829	BTC USER
A001	3		100010509378	19196772	leaky room flooding BLDG 722	FLOODING IN BASEMENT	36993.722	1013	1013	CLSD CNF PRT NMAT PRC SETC			2.0	97.11 PM001	AF	8/25/2021	8/25/2021	9/10/2021	1515262829	BTC USER
A001	3		100010530626	19249855	FLOODING IN BASEMENT	FLOODING IN BASEMENT	36993.722	1013	1013	CLSD CNF PRT NMAT PRC SETC			1.0	49.23 PM001	AF	9/2/2021	9/2/2021	9/10/2021	1386687273	1228737875
A001	3		100010570174	19368126	leaky steam valve BLDG 722 BSMT	leaky steam valve BLDG 722 BSMT	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			7.5	367.81 PM001	AF	9/16/2021	9/16/2021	9/20/2021	1515262829	BTC USER
A001	3		100010718928	19677715	door is broken BL 722	door is broken BL 722	36993.722	1011	1011	CLSD CNF PRT NMAT PRC SETC			2.0	96.46 PM001	AF	11/8/2021	11/8/2021	11/10/2021	1515262829	BTC USER
A001	3		100010718452	19677498	YELLOW BUCKET OF SALT NEEDED BLDG 722	YELLOW BUCKET OF SALT NEEDED BLDG 722	36993.722	1002	1002	CLSD CNF PRT NMAT PRC SETC			8.0	388.00 PM001	AF	11/8/2021	11/8/2021	11/8/2021	1515262829	BTC USER
A001	3		100010870595	19968973	BLDG 722 FLOOR 3 NO HEAT POC C WRIGHT 246	BLDG 722 FLOOR 3 NO HEAT POC C WRIGHT 246	36993.722	1002	1002	CLSD CNF PRT NMAT PRC SETC			16.0	771.82 PM001	AF	11/20/2021	11/20/2021	12/8/2021	1515262829	BTC USER
A001	3		100010872911	19959882	YVLS LEAKING BLDG 722	YVLS LEAKING BLDG 722 BSMT	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			32.0	1,563.36 PM001	AF	11/20/2021	11/20/2021	1/11/2022	1515262829	BTC USER
A001	3		100010874625	19963036	LEAKS IN STEAM & PIPES BL 722	LEAKS IN STEAM & PIPES BL 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			1.0	48.30 PM001	AF	11/11/2021	11/11/2021	12/14/2022	1515262829	BTC USER
A001	3		100010924768	20047843	HEAT DOES NOT WORK BL 722 RM 1924	HEAT DOES NOT WORK BL 722 RM 1924	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC	CANC		3.0	147.12 PM001	AF	1/28/2022	1/28/2022	1/29/2022	1515262829	BTC USER
A001	3		100010954772	20047847	FOU MAKES NOISES BL 722	FOU MAKES NOISES BL 722	36993.722	1028	1028	CLSD CNF PRT NMAT PRC SETC			3.0	165.60 PM001	AF	1/28/2022	1/28/2022	2/28/2022	1515262829	BTC USER
A001	3		100010925022	20047294	Two valves steam leaking BL 722	Two valves steam leaking BL 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			8.0	387.44 PM001	AF	1/28/2022	1/28/2022	1/31/2022	1515262829	BTC USER
A001	3		100010983133	20153469	WATER TANK NOT FILLING BL 722	WATER TANK NOT FILLING BL 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			8.0	390.84 PM001	AF	2/17/2022	2/17/2022	2/18/2022	1515262829	BTC USER
A001	3		100010983492	20154538	HOT WATER NOT CIRCULATING BL 722	HOT WATER NOT CIRCULATING BL 722	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			6.0	289.80 PM001	AF	2/17/2022	2/17/2022	2/18/2022	1515262829	BTC USER
A001	3		100011031092	20369812	water fountain broken BL 722	water fountain broken BL 722	36993.722	1028	1028	CLSD CNF PRT NMAT PRC SETC			25.0	54.10 PM001	AF	3/8/2022	3/8/2022	3/12/2022	1515262829	BTC USER
A001	3		1000111440262	20536178	STAIR RAIL LOOSE BL 722	RM CATER ch The middle stair rail is ver	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			1.0	49.23 PM001	AF	4/13/2022	4/13/2022	5/4/2022	1515262829	BTC USER
A001	3		100011178648	20619856	REPLACE BURNED OUT BULBS BL 722	RM kitchen Two (possibly 4 inches) fluo	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			4.0	195.44 PM001	AF	4/26/2022	4/26/2022	5/4/2022	1515262829	BTC USER
A001	3		100011180404	20622060	BROKEN COVER PLATE BL 722 FENTON RM	BL DOWNSTAIR There is a broken cover plat	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			4.0	187.44 PM001	AF	4/27/2022	4/27/2022	5/2/2022	1515262829	BTC USER
A001	3		100011208669	20713947	RESET CHILDM AND CLEAN STRAINERS	BLD 722 RESET CHILDM AND CLEAN STRAINERS	36993.722	1028	1028	CLSD CNF PRT NMAT PRC SETC			5.0	236.60 PM001	AF	5/13/2022	5/13/2022	7/15/2022	1386687273	BTC USER
A001	3		100011279414	20828593	OPEN GROUND BL 722 RM 1924	RM 1924 OPEN GROUND - Electrical : 369	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			11.0	513.46 PM001	AF	5/31/2022	5/31/2022	6/14/2022	1515262829	BTC USER
A001	3		100011279996	20829163	exposed open electrical conductors BL 72	RM attic wa exposed open electrical cond	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			14.0	664.04 PM001	AF	5/31/2022	5/31/2022	6/13/2022	1515262829	BTC USER
A001	3		100011289656	20852843	AC is blowing hot air BL 722 WHOLE BL	RM 147 A/C is blowing out hot air - HVA	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			2.0	94.64 PM001	AF	6/2/2022	6/2/2022	9/8/2022	1515262829	BTC USER
A001	3		100011291639	20865237	Leaky steam stop on each key stove 722	Leaky steam stop on each key stove -1	36993.722	1007	1007	CLSD CNF PRT NMAT PRC SETC			10.0	462.80 PM001	AF	6/2/2022	6/2/2022	9/8/2022	1515262829	BTC USER
A001	3		100011437085	21128104	SHOP 1026 CHILLER OFF ON EVAPORATOR WJ	SHOP 1026 CHILLER OFF ON EVAPORATOR WJ	36993.722	1026	1026	CLSD CNF PRT NMAT PRC SETC			4.0	189.28 PM001	AF	7/21/2022	7/20/2022	12/7/2022	1386687273	BTC USER
A001	3		100011696937	21764647	FIRE ALA ZONE 3 IN TROUBLE BL 722	RM FIRE ALA ZONE 3 (2ND FLOOR SE ORGAN)	36993.722	1024	1024	CLSD CNF PRT NMAT PRC SETC			2.0	97.72 PM001	AF	10/17/2022	10/17/2022	10/20/2022	1515262829	BTC USER
A001	3		100011807405	22048329	HOT WATER HEATING SYSTEM INP BL 147	HOT WATER HEATING SYSTEM IN BASEMENT	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC	WMAT		17.0	729.47 PM001	AF	11/21/2022	11/21/2022	6/27/2023	1515262829	BTC USER
A001	3		100011807405	22048329	ALL FAN COIL UNITS ARE BROKEN THROUGHOUT	ALL FAN COIL UNITS ARE BROKEN THROUGHOUT	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC			9.0	455.98 PM001	AF	11/22/2022	11/22/2022	11/23/2022	1515262829	BTC USER
A001	3		100011826839	22082184	REPAIR LEAKING HEAT LINES BL 722	RM BASEMENT REPAIR LEAKING HEAT LINES	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC	WMAT		26.0	1,259.96 PM001	AF	12/1/2022	11/30/2022	3/20/2023	1515262829	BTC USER
A001	3		100011830464	22084258	REPLACE BEARING ASSEMBLY'S BL 722	RM MECHANIC REPLACE BEARING ASSEMBLY	36993.722	1021	1021	CLSD CNF PRT NMAT PRC SETC	WMAT		26.0	1,160.86 PM001	AF	12/1/2022	12/1/2022	3/22/2023	1515262829	BTC USER



Order Type	Priority	Order	Confirmation	Description	Operation Short Text	Functional Location	Main work center	Operation WorkCenter	System status	User Status	Actual work	Total actual costs	Costing Sheet	Planner group	Created on	Actual start (date)	Actual Order Finish Date	Entered by	Last changed by
A001	3	100008976932	16168538	CONTROL VALVE BLDG 722	CONTROL VALVE BLDG 722	36993.722	1024	1024	CLSD PCNF PRT NMAT PRC SETC	SHP	4.0	196.00	PM001	AF	2/7/2020	2/7/2020		1515262829	BTC USER
A001	3	100010848233	19906132	DRAINAGE PIPES REPLACED BL 722	DRAINAGE PIPES REPLACED BL 722	36993.722	1021	1021	CLSD PCNF PRT NMAT PRC SETC		9.0	438.03	PM001	AF	12/30/2021	12/30/2021		1515262829	BTC USER
A001	3	100011922715	22266908	RUSTED IRON AND LEAKS THAT CAN COLLAPSE	RUSTED IRON AND LEAKS THAT CAN COLLAPSE	36993.722	1021	1021	CLSD PCNF PRT NMAT PRC SETC		8.0	396.00	PM001	AF	1/5/2023	1/5/2023		1386687273	BTC USER
A001	3	100011922715	22301912	RUSTED IRON AND LEAKS THAT CAN COLLAPSE	RUSTED IRON AND LEAKS THAT CAN COLLAPSE	36993.722	1021	1007	CLSD PCNF PRT NMAT PRC SETC		0.0	396.00	PM001	AF	1/5/2023			1386687273	BTC USER
A002		200003969827	22743359	FY23 Q4 AHU Filters Bldg. 722	FY23 Q2 AHU Filters Bldg. 1207	36993.722	1027	1027	CLSD PCNF PRT NMAT PRC SETC		8.0	370.00	PM001		4/4/2023	4/4/2023		1551839270	BTC USER
A001	3	100013735196	25534989	TOILET CONTINUES TO RUN AFTER FLUSHING	TOILET CONTINUES TO RUN AFTER FLUSHING	36993.722	1021	1021	REL CNF PRT NMAT PRC SETC		2.0	97.71	PM001	AF	8/26/2024	8/26/2024	8/26/2024	1515262829	1515262829
A001	2	100013735200	25534993	TOILET CLOGGED-OUT OF SERVICE	TOILET CLOGGED-OUT OF SERVICE. : PLUMB	36993.722	1021	1021	REL CNF PRT NMAT PRC SETC		2.0	97.71	PM001	AF	8/26/2024	8/26/2024	8/26/2024	1515262829	1515262829
A001	3	100013666767	25421211	INVESTIGATE TWO PUMPS IN WELL	RM BASEMENT THERE ARE TWO PUMPS IN TH	36993.722	1021	1021	REL PCNF CMPS MACM PPRT PRC SET		18.0	1,118.18	PM001	AF	8/5/2024	8/5/2024		1515262829	1021928131